

MARCH, 1945

WILLIAMS

SUPERIOR DROP-FORGED TOOLS

"SUPERRENCH"

AND
"SUPERSOCKET"
WRENCHES
AND
TOOLS



*Every
"Superrench"
and "Supersocket"
is Fully Guaranteed*

WILLIAMS' "SUPERSOCKET" WRENCHES

Chrome-plated over Nickel

MIDGET PATTERN—1/4" Square Drive

(Previously 9/32" Sq. Drive—Now Obsolete)

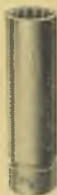
SOCKETS

Williams' Midget Electrical Sockets are unequalled in cramped quarters and for delicate adjustments.



Regular

Their thin, straight walls enable them to operate readily on troublesome little jobs where no ordinary socket or wrench could even get in and grip the nut. Furnished with hex and square openings as listed.



Extra Deep
12-Point

Accurately made from Chrome-Molybdenum steel and heat-treated in electric furnaces.

All Sockets packed 6 in a box.

Fully Guaranteed

Nom- inal Open- ing	No.	List Price, Each	Hex Cap Screw; Size Screw	U. S. Std. Nut; Size Bolt	S.A.E. Std. Nut; Size Bolt	Amer. Std. Mach. Screw Nut
REGULAR—6-POINT						
3/16	NM-606	\$.45	.....	.....	.....	No. 2 & 3
7/32	NM-607	.45	.....	.....	.....	.....
1/4	NM-608	.45	.....	.....	.....	4
9/32	NM-609	.45	.....	.....	.....	.....
REGULAR—12-POINT						
5/16	NM-1210	.45	1/8	1/8	.....	5 & 6
11/32	NM-1211	.45	.....	.....	.....	8
3/8	NM-1212	.45	3/16	.....	.....	10
7/16	NM-1214	.45	1/4	.....	1/4	12 & 1/4
REGULAR—4-POINT						
3/16	NM-406	.45	.....	.....	.....	2 & 3
7/32	NM-407	.45	.....	.....	.....	.....
1/4	NM-408	.45	.....	.....	.....	4
REGULAR—8-POINT						
5/16	NM-810	.45	.....	1/8	.....	5 & 6
3/8	NM-812	.45	.....	.....	.....	10
EXTRA DEEP—6-POINT						
1/4	NMD-608	.60	.....	.....	.....	4
9/32	NMD-609	.60	.....	.....	.....	.....
EXTRA DEEP—12-POINT						
5/16	NMD-1210	.60	1/8	1/8	.....	5 & 6
11/32	NMD-1211	.60	.....	.....	.....	8
3/8	NMD-1212	.60	3/16	.....	.....	10
7/16	NMD-1214	.60	1/4	.....	1/4	12 & 1/4

An attractive discount is given; see your jobber.

WILLIAMS' "SUPERSOCKET" WRENCHES

Chrome-plated over Nickel

MIDGET PATTERN—1/4" Square Drive

(Previously 9/32" Sq. Drive—Now Obsolete)

HANDLES AND PARTS

NOTICE

Government Regulations and WPB Order L-216 make it impossible to supply some of our regular cataloged items. Critical metal shortages make substitutions in finishes and materials necessary without regard to catalog descriptions. See your distributor for specific information.

NM-126	Regular Screw Driver Socket Attachment—6" long.	1.15
MM-130	Adapter—1/4" square male and 9/32" square female. Adapts Sockets with 1/4" square drive-openings to Handles with 9/32" square drive-plug.	.90
MM-131	Adapter—9/32" square male and 1/4" square female. Adapts Sockets with 9/32" square drive-openings to Handles with 1/4" square drive-plug.	.90
MM-150	Plug Adapter—1" long; 1/4" sq. and 9/32" sq. male.	.60
NMP-1	Phillips Screw Driver Socket Attachment—No. 1 Phillips Drive to fit screws No. 4 and smaller. . .	.90
NMP-2	Phillips Screw Driver Socket Attachment—No. 2 Phillips Drive to fit screws Nos. 5 to 9 inclusive. .	.90

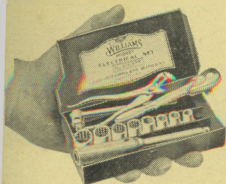
An attractive discount is given; see your jobber.

WILLIAMS' "SUPERSOCKET" WRENCHES

Chrome-plated over Nickel

1/4" Square Drive Sockets

MIDGET ELECTRICAL SET No. 1269PR



8 Midget "Supersockets"—4 with Hex openings 3/16, 7/32, 1/4 and 9/32"; 4 with 12-point openings 5/16, 11/32, 3/8 and 7/16". Reversible "Superratchet," 4-1/2" long; Sliding T Handle, 4-1/2" long. Extension - Driver, 5-3/8", with revolving, lockable grip. Midget "Superpliers," 4-1/2", see page 60.

In Strong Steel Case, 5-1/2 x 3 x 1"

LIST, Set 1269PR—complete as illustrated.....	\$12.90
Set 1269P —without "Superratchet"	8.80
Set 1269 —without "Superplier" and "Superratchet"....	6.95

Set 1269PR will be furnished, unless otherwise specified.

COMBINATION ELECTRICAL SET No. 1285P

8 Midget "Supersockets"—4 Hex openings, 3/16, 7/32, 1/4 and 9/32"; 4 twelve-pt. openings 5/16, 11/32, 3/8, 7/16".

Sliding T Handle, 4-1/2" long; Extension-Driver with revolving, lockable grip, 5-3/8".

4 Midget "Superrenches" (3 to 3-1/2" long)—openings 13/64, 7/32, 15/64, 1/4, 9/32, 5/16, 11/32, 3/8".

Midget "Superplier", 4-1/2" long, see page 60.



*In Strong Steel Case,
5-1/2 x 3 x 1"*

LIST PRICE, Set 1285P—complete as illustrated	\$11.55
Set 1285 —without "Superplier"	9.70

Set 1285P will be furnished, unless otherwise specified.

UNIVERSAL ELECTRICAL SET No. 1286PR



*In Strong Steel Case,
6-3/4 x 4-1/4 x 1"*

13 Midget "Supersockets"—4 Hex openings, 3/16, 7/32, 1/4 and 9/32"; 4 twelve-point openings, 5/16, 11/32, 3/8, 7/16"; 3 square openings, 3/16, 7/32, and 1/4"; 2 eight-point openings, 5/16, 3/8".

Reversible "Superratchet", 4-1/2" long; Sliding T Handle, 4-1/2"; Extension-Driver with revolving, lockable grip, 5-3/8".

4 Midget "Superrenches" (3 to 3-1/2" long)—openings 13/64, 7/32, 15/64, 1/4, 9/32, 5/16, 11/32, 3/8".

Midget "Superplier", 4-1/2".

LIST PRICE, Set 1286PR—complete as illustrated.....	\$18.50
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Sets Previously 9/32" Square Drive—Now Obsolete

See Midget "Superrenches", pages 44 and 45.

An attractive discount is given; see your jobber.

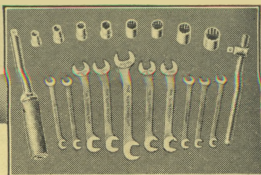
WILLIAMS' "SUPERSOCKET" WRENCHES

Chrome-plated over Nickel

1/4" Square Drive Sockets

COMBINATION ELECTRICAL SET No. 1291P

*In Steel Case,
5-1/2 x 3 x 1"*



This set contains 8 Midget "Supersockets"—4 Hex openings, 3/16, 7/32, 1/4 and 9/32"; 4 twelve-point openings, 5/16, 11/32, 3/8, 7/16".

Sliding T Handle, 4-1/2" long; Extension-Driver with revolving, lockable grip, 5-3/8" long.

10 Midget "Superrenches" (3 to 4-1/2" long)—openings 3/16, 13/64, 7/32, 15/64, 1/4, 9/32, 5/16, 11/32, 3/8 and 7/16".

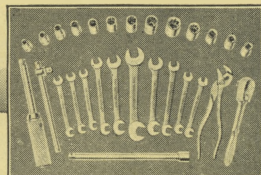
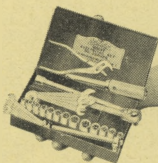
Midget "Superplier", 4-1/2", page 60.

LIST PRICE, Set 1291P—with "Superplier" No. 1519.....\$15.85
Set 1291 —without "Superplier"..... 14.00

Set 1291P will be furnished, unless otherwise specified.

UNIVERSAL ELECTRICAL SET No. 1292PR

*In Steel Case,
6-3/4x4-1/4x1"*



This set contains 13 Midget "Supersockets"—4 Hex openings, 3/16, 7/32, 1/4 and 9/32"; 4 twelve-point openings, 5/16, 11/32, 3/8, 7/16"; 3 square openings, 3/16, 7/32 and 1/4"; 2 eight-point openings, 5/16, and 3/8".

Reversible "Superratchet", 4-1/2" long. Sliding T Handle, 4-1/2" long; Extension-Driver with revolving, lockable grip, 5-3/8" long; Extension 6".

10 Midget "Superrenches" (3 to 4-1/2" long)—openings 3/16, 13/64, 7/32, 15/64, 1/4, 9/32, 5/16, 11/32, 3/8 and 7/16".

Midget "Superplier", 4-1/2", page 60.

LIST PRICE, Set 1292PR—complete as illustrated.....\$23.80

Sets Previously 9/32" Square Drive—Now Obsolete

See Midget "Superrenches", pages 44 and 45.

An attractive discount is given; see your jobber.

WILLIAMS' "SUPERSOCKET" WRENCHES

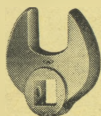
Chrome-plated over Nickel

BANTAM PATTERN

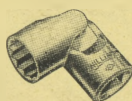
3/8" Square Drive

SOCKETS

Regular



Crowfoot Attachment



Universal
12-Point

These Sockets are furnished in 4 styles; see illustrations and table. All have thin walls for use in close quarters. Crowfoot attachments are designed for use in close quarters and fit all Bantam attachments. Made from Chrome-Molybdenum steel, accurately heat-treated in electric furnaces for maximum strength; chrome-plated and polished.



Extra Deep
8-Point



Extra Deep
12-Point

Fully Guaranteed

Size Open- ing	12-POINT SOCKETS				U.S. Std. Hex Nut	Hex Head Cap Screw	S.A.E. Std. Hex Nut	Amer.Std. Regular Hex Nut
	Regular		* Universal					
	No.	List Price	No.	List Price				

REGULAR and UNIVERSAL—12-POINT

1/4	†B-608	\$.72	.....	.....	.....	.....	.....	†4
5/16	B-1210	.72	.....	.....	1/8	1/8	.....	†5 & 6
11/32	B-1211	.72	.....	.....	.....	.....	.....	†8
3/8	B-1212	.72	BU-1212	\$2.30	.....	3/16	.....	†10
7/16	B-1214	.72	BU-1214	2.30	.....	1/4	1/4	†12 & 1/4
1/2	B-1216	.72	BU-1216	2.30	1/4	5/16	5/16	.....
9/16	B-1218	.72	BU-1218	2.55	.....	3/8	3/8	5/16
5/8	B-1220	.72	BU-1220	2.55	.....	7/16	7/16	3/8
11/16	B-1222	.84	BU-1222	2.65	3/8	.....	.....	.....
3/4	B-1224	.84	BU-1224	2.65	.....	1/2	1/2	7/16

† Meh. Scr. Nuts

† Hex Opening

* Approximate operating range 130°. Spring tension maintains desired operating angle.

Extra Deep—12-Point—2 to 2-1/2" long and Crowfoot Attachm'ts

3/8	.....	.....	BC-1700	\$.80	.....	3/16	.....	†10
7/16	BD-1214	.77	BC-1701	.80	.....	1/4	1/4	†12 & 1/4
1/2	BD-1216	.77	BC-1001	.90	1/4	5/16	5/16	.....
9/16	BD-1218	.77	BC-1702	.90	.....	3/8	3/8	5/16
5/8	BD-1220	.77	BC-1703	1.00	.....	7/16	7/16	3/8
11/16	BD-1222	.90	BC-1003	1.00	3/8	.....	.....	.....
3/4	BD-1224	1.00	.....	.....	.....	1/2	1/2	7/16

EXTRA DEEP—8-POINT—1-1/2" Long

Size Open- ing	8-POINT		For Set Screw	U.S. Std. Square Nut	Square Cap Screw	Amer.Std. Regular Sq. Nut
	No.	List				
7/16	BD-814	\$.85	7/16	.....	5/16	1/4
1/2	BD-816	.85	1/2	1/4	3/8	.....
9/16	BD-818	.92	9/16	.....	7/16	5/16
5/8	BD-820	.92	5/8	.....	1/2	3/8

WILLIAMS' "SUPERSOCKET" WRENCHES

Chrome-plated over Nickel

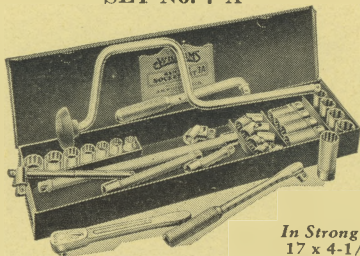
BANTAM PATTERN—3/8" Square Drive HANDLES and PARTS



Fully Guaranteed

No.	Piece	List
F-15	Speeder—16-1/2" long; knurled revolving grip . .	\$2.10
B-20A	Sliding T Handle—6-1/2" long	1.35
B-30	Offset Handle—7-3/4" long	1.50
B-40	Flex Handle—8 1/2"; flexible head, knurled grip with 3/8" square drive hole in end	2.70
B-42	Flex Handle only—8 1/2" long; flexible head, knurled grip, cross hole for Sliding Bar	2.70
B-42B	Sliding Bar, 5/16 rd. x 6", for B-42 . . . . .	.40
B-50	Ratchet—6-1/2" long; with B-150 Plug-Connector	3.60
B-50A	Ratchet—same as B-50, but with 1/4" square drive opening—no Plug-Connector. Has 1/4" sq. drive hole in handle end, also	3.60
B-50B	Ratchet—same as B-50, but with 5/16" square drive opening—no Plug-Connector	3.30
B-51	REVERSIBLE Ratchet—6-1/2" long. 24 teeth in Ratchet-gear instead of usual 14 or 16. Turning shift lever reverses action instantly . .	4.50
B-51A	REVERSIBLE Ratchet—same as B-51, but has both 3/8" sq. male and 1/4" sq. female ratchet drive. Also, has 3/16 and 1/4" sq. drive holes in handle end	4.50
B-108	Extension Bar—3" long	1.08
B-110	Extension Bar—5-1/2" long	1.08
B-115	Extension Bar—10-1/2" long	1.20
B-118	Extension Bar—18" long	1.30
BM-130	Adapter—3/8" sq. female; 9/32" sq. male . . . . .	.90
BS-130	Adapter—3/8" sq. female; 1/2" sq. male	1.02
BS-131	Adapter—3/8" sq. male; 1/2" sq. female	1.02
B-140	Universal Joint—approx. operating range 140° . .	2.46
B-150	Ratchet Plug-Connector . . . . .	.54
BP-2	Phillips Screw Driver Socket Attachment—No. 2 Phillips Drive to fit screws Nos. 5 to 9 inclusive	1.25
BP-3	Phillips Screw Driver Socket Attachment—No. 3 Phillips Drive to fit screws Nos. 10 to 16 inclusive	1.25
BP-4	Phillips Screw Driver Socket Attachment—No. 4 Phillips Drive to fit screws Nos. 18 and larger . .	1.25

WILLIAMS'
"SUPERSOCKET" WRENCHES
 BANTAM PATTERN—3/8" Square Drive
AUTOMOTIVE AND AVIATION SETS
SET No. 7-A



*In Strong Steel Case,
 17 x 4-1/2 x 1-7/8"*

SET No. 7-A—30 Pieces—List, \$43.95
 Total Weight 9-1/2 lbs.

A complete, compact Set for aviation and automotive service.
 21 Sockets:—7 Regular, 12-point openings 3/8 to 3/4";
 4 Universal, 12-point openings 7/16 to 5/8"; 10 Extra Deep,
 6 with 12-point openings 7/16 to 3/4" and 4 with 8-point
 openings 7/16 to 5/8". 9 Accessories, Nos. F-15, B-20A, B-30,
 B-40, *B-51, B-108, B-110, B-115, B-140.

SETS Nos. 5 and 6-B



*Set No. 6-B
 illustrated*

*In Steel Case,
 17 x 4 x 1-1/2"*

SET 6-B—List, \$25.50
Complete—16 Pieces
 Total Weight, 7-1/4 lbs.

7 Sockets, 12-pt. openings
 3/8, 7/16, 1/2, 9/16, 5/8,
 11/16, 3/4". 9 Accessories,
 Nos. F-15, B-20A, B-30, B-40,
 *B-51, B-108, B-110, B-115,
 B-140.

SET 5—List, \$24.40
Complete—15 Pieces
 Total Weight, 6-1/2 lbs.

7 Sockets with 12-point
 openings 3/8, 7/16, 1/2, 9/16,
 5/8, 11/16, 3/4". 8 Acces-
 sories, Nos. F-15, B-20A, B-30,
 B-40, *B-51, B-110, B-115
 and B-140.

*B-50 Ratchet (page 7) may be substituted for B-51 Reversible
 "Superratchet" at a reduction of \$.90 in List of each Set.

For details of Sockets and Accessories, see pages 6 and 7.

Fully Guaranteed

An attractive discount is given; see your jobber.

WILLIAMS' "SUPERSOCKET" WRENCHES

Chrome-plated over Nickel

TORQUE "MEASURRENCH" No. S-57

REVERSIBLE RATCHET

WITH R. H. TORQUE INDICATING SIGNAL

Standard Pattern—1/2" Square Drive



PATENTED

List Price, \$26.00

Closely limited torque application is essential in Automotive, Aviation and Diesel motors; also for many industrial appliances. Such fine adjustments make an efficient indicator of torque a vital necessity.


Williams' Ratchet "Measurrench", 19 1/2" long, is the most durable and efficient tool for torque indicating service on the market. It can be applied to ANY detachable Socket having 1/2" square drive-opening.

The wrench may be used in two ways:—

BY SIGHT READING—An easily read scale on the handle indicates applied tightening pressures from 20 to 200 foot-pounds.

BY SOUND READING—A sharp sound signal is given for any desired torque from 35 to 200 foot-pounds, by setting the simple sound device.

Right-hand torque only is measured, but action of wrench reverses instantly for left-hand turning.

 Williams' twin-double-tooth oscillating pawl provides constant engagement with TWO teeth of the 36-tooth ratchet-gear, in both ON and OFF turning. Consequently, the wrench operates readily when it swings only 12°—just one-thirtieth (1/30) of a full turn.

With each wrench is supplied a chart giving the foot-pounds tension for connecting rods, cylinder heads, etc., of all popular cars and trucks, as recommended by their manufacturers.

Fully Guaranteed

An attractive discount is given; see your jobber.

WILLIAMS' "SUPERSOCKET" WRENCHES

Chrome-plated over Nickel

STANDARD PATTERN—1/2" Square Drive DRAG-LINK SOCKET BITS



SB-30

For slotted stud on Drag-Link of steering-gear; also Tie-rod connecting steering-knuckles.

No.	Size Blade	List Price
SB-30	7/64 x 15/16	\$1.02
SB-40	3/32 x 1-1/4	1.38



SB-40

For Handles, see page 13.

ADAPTERS—For Handles and Sockets



MM-130



BM-130



HX-130



XX-130



XX-131



MM-150



XX-150

MM-131

BS-130

BS-131

SH-130

HNX-130

3/8" Square →
Male

3/8" Square →
Female

1/2" Square →
Male

1/2" Square →
Female



Any "Bantam"
Handle or Part



Adapter BS-130



Any "Standard"
Socket

For adapting Sockets of one pattern with Handles and Parts of another. Illustration shows how Adapter BS-130 permits use of "Bantam" Handles with "Standard" Sockets.

No.	Adapters		List
MM-130	9/32" Square Female and 1/4" Square Male ..		\$.90
MM-131	1/4" Square Female and 9/32" Square Male ..		.90
MM-150	1/4" Square Male and 9/32" Square Male ..		.60
BM-130	3/8" Square Female and 9/32" Square Male ..		.90
BS-130	3/8" Square Female and 1/2" Square Male ..		1.02
BS-131	1/2" Square Female and 3/8" Square Male ..		1.02
SH-130	1/2" Square Female and 3/4" Square Male ..		1.20
HX-130	3/4" Square Female and 1" Hex Male ..		1.50
HNX-130	3/4" Square Female and 1" Square Male ..		1.50
XX-130	1" Square Female and 1" Hex Male ..		3.30
XX-131	1" Hex Female and 1" Square Male ..		3.30
HH-150	3/4" Square Male and 5/8" Square Male ..		1.50
XX-150	1" Hex Male and 1" Square Male ..		2.70

Fully Guaranteed

An attractive discount is given; see your jobber.

WILLIAMS' "SUPERSOCKET" WRENCHES

Chrome-plated over Nickel

STANDARD PATTERN—1 1/2" Square Drive

EXTRA DEEP SOCKETS

Especially designed for Spark Plug and other service such as U bolts and Brake-Rod-Ends, where the nuts lie some distance from the outer end of the threaded stem. Long, slim sockets with thin walls for use in cramped places. Their 12-point openings permit operation in close quarters.

Carefully made from high tensile steel—Chrome-Molybdenum—and heat-treated



12-Point Openings

Size Opening	No.	U.S. Std. Nut; Size Bolt	Hex Hd. Cap Screw; Size Bolt	S.A.E. Std. Nut; Size Bolt	Amer. Std. Reglr. & Jam Nuts	Ex-treme Length	List Price, Each
1/2	SD-1216	1/4	5/16	5/16	.....	3-1/4	\$1.14
* 9/16	SD-1218	.....	3/8	3/8	5/16	3-1/4	1.14
* 9/16	SD-1218S	.....	3/8	3/8	5/16	3-1/4	1.30
* 5/8	SD-1220	.....	7/16	7/16	3/8	3-1/4	1.26
* 11/16	SD-1222	3/8	.....	.....	.....	3-1/4	1.26
3/4	SD-1224	.....	1/2	1/2	7/16	3-1/4	1.26
* 13/16	SD-1226	.....	9/16	.....	1/2	3-1/4	1.26
7/8	SD-1228	1/2	5/8	9/16	9/16	3-1/4	1.26
* 7/8	SD-1228T	.....	.....	.....	.....	3-1/4	1.26
* 15/16	SD-1230	.....	.....	5/8	.....	3-1/4	1.38
* 1	SD-1232	.....	3/4	11/16	5/8	3-1/4	1.50
1-1/16	SD-1234	5/8	.....	3/4	.....	3-1/4	1.50
* 1-1/8	SD-1236	.....	7/8	.....	3/4	3-1/4	1.68

***Popular Spark Plug Sizes Servicing following Plugs**

SD-1218—AC No. 103 10mm.

No. Y-4, 10mm Plugs.

SD-1218S—AC No. 103 10mm.

SD-1226—14mm. Plugs.

SD-1220—AC No. 104, and

SD-1228T—18mm. Plugs.

Champion No. Y-4A and

SD-1230—many buses, trucks.

No. Y-5, 10mm. Plugs.

SD-1232—18mm. Plugs on

SD-1222—AC No. 103-S, Auto-

many cars, buses, trucks.

Lite No. P-4, Champion

SD-1236—many buses, trucks.

†Not guaranteed because of extra thin walls.

SPARK PLUG SET No. SD-6

Sliding Bar and six Extra Deep Sockets with 12-point openings 9/16", 5/8", 11/16", 13/16", 7/8" and 1".

LIST PRICE — In Cardboard Box — \$8.20

SPARK PLUG SET No. SD-4A

Sliding Bar and four Extra Deep Sockets with 12-point openings 5/8", 11/16", 13/16" and 1".

LIST PRICE — In Cardboard Box — \$5.65

Fully Guaranteed

An attractive discount is given; see your jobber.

WILLIAMS' "SUPERSOCKET" WRENCHES

Chrome-plated over Nickel

STANDARD PATTERN

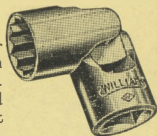
1/2" Square Drive



12-Point
and 8-Point
Openings

SOCKETS

Williams' Standard Sockets (Regular Pattern) are furnished with Twelve and Eight Point openings. Thin walls for work in cramped quarters. No useless bulk to prevent operation where space is limited. Made from Chrome-Molybdenum steel and heat-treated.



Universal
12-Point

Size Open- ing	12-POINT SOCKETS				U.S. Std. Hex Nut	Hex Head Cap Screw	S.A.E. Std. Hex Nut	Amer.Std. Regular Hex Nut
	Regular		† Universal					
	No.	List Price	No.	List Price				
3/8	ST-1212	\$.72	.....	.....	.....	3/16	.....	.....
7/16	ST-1214	.72	.....	.....	.....	1/4	1/4	1/4
1/2	ST-1216	.72	SU-1216	2.25	1/4	5/16	5/16	.....
9/16	ST-1218	.72	SU-1218	2.25	.....	3/8	3/8	5/16
* 9/16	SF-1218	1.00	.....	.....	.....	.....	.....	.....
19/32	ST-1219	.72	.....	.....	5/16	.....	.....	.....
5/8	ST-1220	.72	SU-1220	2.40	.....	7/16	7/16	3/8
21/32	ST-1221	.72	.....	.....	.....	.....	.....	.....
11/16	ST-1222	.84	SU-1222	2.40	3/8	.....	.....	.....
3/4	ST-1224	.90	SU-1224	2.40	.....	1/2	1/2	7/16
25/32	ST-1225	.90	.....	.....	7/16	.....	.....	.....
13/16	ST-1226	.90	.....	.....	.....	9/16	.....	1/2
7/8	ST-1228	.90	.....	.....	1/2	5/8	9/16	9/16
15/16	ST-1230	1.08	.....	.....	.....	.....	5/8	.....
31/32	ST-1231	1.08	.....	.....	9/16	.....	.....	.....
1	ST-1232	1.08	.....	.....	.....	3/4	11/16	5/8
†1-1/16	S-1234	1.20	.....	.....	5/8	.....	3/4	.....
†1-1/8	S-1236	1.32	.....	.....	.....	7/8	.....	3/4
†1-3/16	S-1238	1.38	.....	.....	.....	.....	.....	.....
†1-1/4	S-1240	1.44	.....	.....	3/4	.....	7/8	.....

* For ALL Ford V-8 85 H. P. Con. Rods—thin walls, not guaranteed.

† Approx. range 130°. Spring tension maintains operating angle.

‡ Sockets with taper nose.

Size Open- ing	8-Point Sockets		For Set Screw
	No.	List	
5/16	S-810	\$.72	5/16
3/8	S-812	.72	3/8
7/16	S-814	.72	7/16
1/2	S-816	.72	1/2
9/16	S-818	.72	9/16
9/16	S-0818	.90	9/16
5/8	S-820	.72	5/8
11/16	S-822	.84	11/16
3/4	S-824	.90	3/4
7/8	S-828	.90	7/8
1	S-832	1.20	1

STRAIGHT WALL SOCKET SET No. 12

List Price—\$10.20
In Cardboard Box

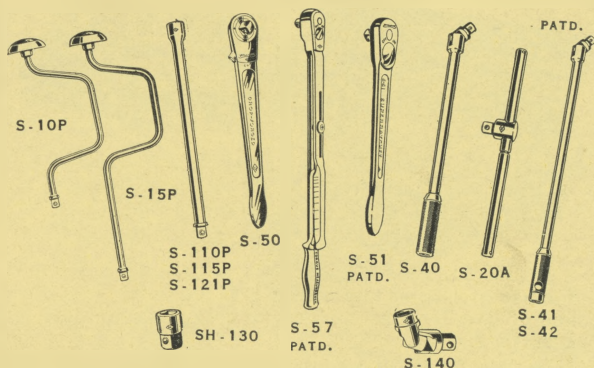
Twelve Straight Wall Sockets with 12-point openings 7/16 to 1". One each, Nos. ST-1214 to ST-1232, excepting SF-1218, ST-1221, ST-1231, listed above.

For Drag Link Socket Bits, see page 10.

WILLIAMS' "SUPERSOCKET" WRENCHES

Chrome-plated over Nickel

STANDARD PATTERN—1/2" Square Drive HANDLES and PARTS



No.	Piece	List
S-10P	Speeder—12" long, with plastic revolving grip	\$2.70
S-15P	Speeder—17-1/2" long, with plastic revolving grip.	2.70
S-20A	Straight Sliding T Handle—11" long.	2.10
S-40	Flex Handle—12" long; flexible head. Knurled grip with 1/2" square drive hole in end for use as Extension	3.90
S-41	Flex Handle—17-1/4"; flexible head. Knurled grip with 1/2" square drive hole in end for use as Extension; 1/2" round cross hole for Bar.	4.50
S-42	Flex Handle only—14-1/2" long; flexible head, knurled grip, cross hole for Sliding Bar	3.90
S-42B	Sliding Bar, 7/16" rd. x 9" for S-42. . . . .	.60
S-50	Ratchet—10" long, complete with Reversible Locked-in Plug-Connector.	4.50
S-51	Reversible Ratchet—10-1/2" long. 24 teeth in Ratchet-gear instead of usual 16 for operation in close places. Turning Shift-lever reverses action instantly	6.75
S-57	Ratchet Torque "Measurrench"—19 1/2" long; indicates Right Hand Torque. Ratchet action reverses instantly for general service. Fully described, page 9	26.00
S-110P	Extension—5-1/2", without revolving grip	1.20
S-115P	Extension—10-1/2", without revolving grip	1.65
S-121P	Extension—20", without revolving grip	1.90
SH-130	Adapter—1/2" Sq. Female and 3/4" Sq. Male—Adapts Standard Handles to Heavy Duty Sockets; see pages 10 and 20.	1.20
S-140	Universal Joint—approximate operating range 140°	2.70

For Standard Sockets, see pages 10 to 12; Sets, pages 14 to 19.
Hollow-Screw Wrenches, page 23.

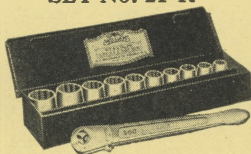
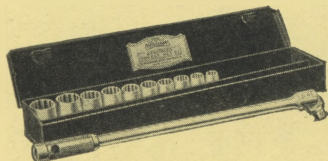
WILLIAMS' "SUPERSOCKET" WRENCHES

Chrome-plated over Nickel

STANDARD PATTERN—1/2" Square Drive

SET No. 21

SET No. 21-R



List Price—\$14.70

10 Sockets—1 Flex Handle

In Strong Steel Case,

17" x 2-5/8 x 1-3/4"

List Price—\$16.45

10 Sockets—1 Ratchet

In Strong Steel Case,

11-1/2" x 2-5/8 x 1-3/4"

In Set 21, Flex Handle S-41 with flexible head for use at almost any angle. 1/2" sq. drive hole in end of handle; also 1/2" round cross hole for Bar. Length 17-1/4".

In Set 21-R, Reversible "Superratchet" S-51, 10 1/2" long. Note; Ratchet S-50 (page 13) may be substituted for S-51 at a reduction of \$2.25 in List Price of Set.

In both Sets—10 Straight Wall Sockets as follows:—

Nom- inal Open- ing	12-Point Sockets		U. S. Std. Hex Nut	Hex Head Cap Screw	S.A.E. Std. Hex Nut	Amer. Std. Regl. Nut
	No.	LIST PRICE				
7/16	ST-1214	\$.72	.....	1/4	1/4	1/4
1/2	ST-1216	.72	1/4	5/16	5/16	.....
9/16	ST-1218	.72	.....	3/8	3/8	5/16
19/32	ST-1219	.72	5/16	.....	.....	.....
5/8	ST-1220	.72	.....	7/16	7/16	3/8
11/16	ST-1222	.84	3/8	.....	.....	.....
3/4	ST-1224	.90	.....	1/2	1/2	7/16
25/32	ST-1225	.90	7/16	.....	.....	.....
7/8	ST-1228	.90	1/2	5/8	9/16	9/16
1	ST-1232	1.08	.....	3/4	11/16	5/8

Set 21 will be furnished, unless otherwise specified.

These handy and compact Sets supply at minimum price, assortments that care for a wide variety of work. Additions can be made at any time; see pages 10 to 13.

Fully Guaranteed

An attractive discount is given; see your jobber.

WILLIAMS' "SUPERSOCKET" WRENCHES

Chrome-plated over Nickel

STANDARD PATTERN—1/2" Square Drive

GARAGE AND GENERAL SERVICE SETS

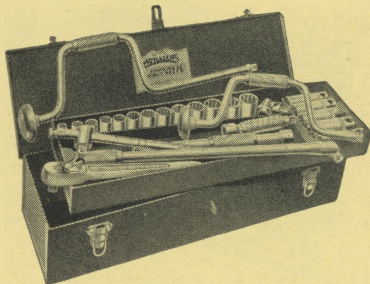
SET No. 26

List Price
Complete
26 Pieces
\$49.60

In Strong Steel
Case

20-1/4 x 6-5/8
x 4-1/4"

Total Weight,
25-1/2 lbs.



Especially designed for garage and general service.

18 Sockets (12-pt.):—13 Straight Wall (pg. 12), all openings 7/16 to 1" except No. SF-1218; 5 Extra Deep (pg. 11), openings 11/16, 13/16, 7/8, 15/16, 1-1/8"; 8 Accessories (pg. 13), Nos. S-10P, S-15P, S-20A, S-41, *S-51, S-110P, S-115P, S-140.

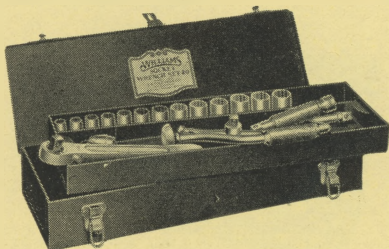
SET No. 20

List Price
Complete
21 Pieces
\$42.20

In Strong Steel
Case

20-1/4 x 6-1/2
x 3-3/4"

Total Weight,
23 lbs.



13 Straight Wall Sockets (12-pt.), same as Set 26.

8 Accessories, Nos. S-10P, S-15P, S-20A, S-41, *S-51, S-110P, S-115P and S-140.

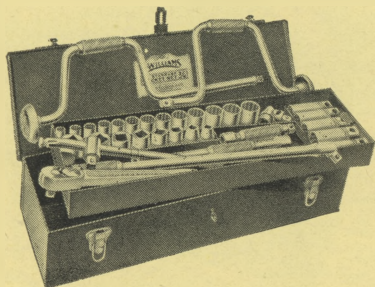
*S-50 Ratchet (page 13) may be substituted for S-51 Reversible "Superratchet" at a reduction of \$2.25 in List of each Set.

For details of Sockets and Accessories, see pages 10 to 13.

Fully Guaranteed

An attractive discount is given; see your jobber

WILLIAMS' "SUPERSOCKET" WRENCHES
Chrome-plated over Nickel
STANDARD PATTERN—1/2" Square Drive
EXTRA CAPACITY SETS
SET No. 36



List Price
Complete
34 Pieces
\$55.85

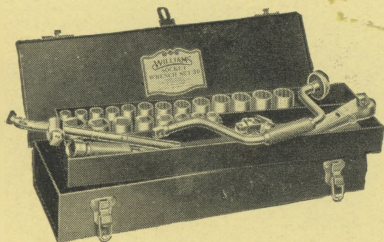
In Strong Steel
Case
 20-1/4 x 6-5/8
 x 4-1/4"
 Total Weight,
 27-3/4 lbs.

Provides complete service for general all-around work.

26 Sockets:—13 Straight Wall 12-Pt. (pg. 12), all opengs. 7/16" to 1" except No. SF-1218; 5 Extra Deep 12-pt. (pg. 11) opengs. 11/16, 13/16, 7/8, 15/16, 1-1/8"; 8 Square Sockets (pg. 10), opengs. 3/8 to 7/8" except No. S-0418.

8 Accessories (pg. 13), Nos. S-10P, S-15P, S-20A, S-41, *S-51, S-110P, S-115P and S-140.

SET No. 30



List Price
Complete
29 Pieces
\$48.85

In Strong Steel
Case
 20-1/4 x 6-1/2
 x 3-3/4"
 Total Weight,
 25-1/2 lbs.

21 Sockets:—13 Straight Wall 12-point and 8 Square Sockets, same as Set 36. 8 Accessories, Nos. S-10P, S-15P, S-20A, S-41, *S-51, S-110P, S-115P and S-140.

*S-50 Ratchet (page 13) may be substituted for S-51 Reversible "Superratchet" at a reduction of \$2.25 in List for each Set.

For details of Sockets and Accessories, see pages 10 to 13.

Fully Guaranteed

An attractive discount is given; see your jobber

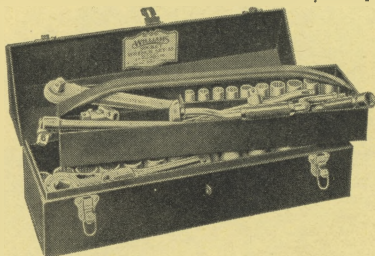
WILLIAMS' "SUPERSOCKET" WRENCHES

Chrome-plated over Nickel

MASTER MECHANICS' SET No. 55

Standard Pattern
1/2" Square Drive

Heavy Duty Pattern
3/4" Square Drive



LIST PRICE, Complete—\$87.85

34 Pieces—21 Sockets, 13 Handles and Parts

In Strong Steel Case, 20-1/2x6-3/4x6-3/4

Total Weight, 43-1/2 lbs.

This combination of "Standard" and "Heavy Duty" Socket Wrenches is especially adapted to truck and bus work; it is also the ideal Millwrights' Set. Extremely useful for the set-up and maintenance of all machinery.

21 Sockets with Twelve-Point openings;
Standard, Straight-wall, 7/16, 1/2, 9/16, 19/32, 5/8,
11/16, 3/4, 25/32, 13/16, 7/8, 15/16, 31/32, 1".
Heavy Duty Pattern, 1-1/16, 1-1/8, 1-1/4, 1-5/16,
1-3/8, 1-7/16, 1-1/2 and 1-5/8".

13 Accessories, 2 complete lines as shown above—
Standard Pattern for Sockets up to 1",
Heavy Duty Pattern for larger sizes.

SET No. 55-A—LIST PRICE—\$83.35

Same as Set 55, but without Flex Handle S-41

Set No. 55 will be furnished unless otherwise specified.

Note: S-50 Ratchet (page 13) may be substituted for S-51 Reversible "Superratchet" at a reduction of \$2.25 in List of each Set.

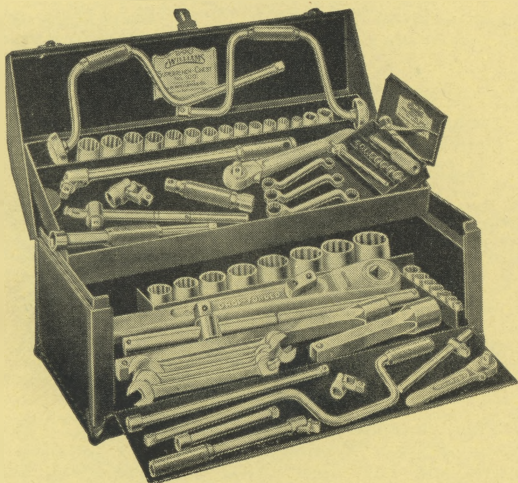
Fully Guaranteed

An attractive discount is given; see your jobber.

WILLIAMS'

SUPER WRENCH-CHEST 1001-A

"The Complete Tool Room"



LIST PRICE, Complete—\$152.50

83 Pieces—44 Sockets, 39 Handles and Wrenches

In Strong Steel Case, 23 x 10-1/4 x 10

Total Weight, 69 lbs.

Every Tool is Fully Guaranteed

The greatest assortment of wrenches ever assembled in one Master Set—handles a thousand and one jobs with ease. Includes popular Williams' Wrenches for every type of work from Midget to Heavy Duty service.

22 different socket attachments which can be "built up" in hundreds of different combinations. 44 sockets, 3/16 to 1-5/8"; 16 "Superwrenches" (Chrome-Molybdenum)—8 12-point Box pattern, a full Set of 6 Tappet pattern and Hammerhead Screwdriver; 2 "Superpliers"—Midget, 4-1/2", and Water Pump, 9-1/2" long. AND—

A real *super* Wrench Chest. Heavy gauge steel, sturdily reinforced. Full length piano hinges. Large ball casters. Extra space for more tools.

Continued following page

An attractive discount is given; see your jobber.

WILLIAMS'

SUPER WRENCH-CHEST 1001-A

"The Complete Tool Room"

(Continued)

"SUPERSOCKETS"

- 8 Midget Pattern:—Straight Wall—Hex Openings, 3/16, 7/32, 1/4 and 9/32; 12-point Openings, 5/16, 11/32, 3/8 and 7/16". See page 2.
- 7 Bantam Pattern:—Straight Wall—12-pt. Opngs; 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4"; page 6.
- 21 Standard Pattern: — Straight Wall — 12-point Openings; 7/16, 1/2, 9/16, 19/32, 5/8, 11/16, 3/4, 25/32, 13/16, 7/8, 15/16, 31/32, 1". Square Openings, 1/2 and 9/16". Also Extra Deep (Spark Plug) with 12-point Openings; 13/16, 7/8, 1 and 1-1/8". Drag Link Socket Bits, blades 15/16 and 1-1/4" wide. See pages 10 to 12.
- 8 Heavy Duty Pattern:— 12-point Openings, 1-1/16, 1-1/8, 1-1/4, 1-5/16, 1-3/8, 1-7/16, 1-1/2 and 1-5/8". See page 20.

"SUPERSOCKET" HANDLES

- 2 Midget Pattern:—Nos. M-110, M-20A; page 3.
- 7 Bantam Pattern:—Nos. F-15, B-20A, B-40, B-51, B-110, B-115 and B-140. See page 7.
- 8 Standard Pattern:— Nos. S-10P, S-15P, S-20A, S-41, S-51, S-110P, S-115P and S-140; page 13.
- 5 Heavy Duty Pattern:—Nos. H-20A, H-50, H-110, H-115 and H-140. See page 21.

"SUPERRENCHES"

- 6 Tappet Pattern:—8 to 9" long, Openings 1/2, 9/16, 5/8, 11/16, 3/4 and 7/8". See page 42.
- 1 Hammerhead Screwdriver No. 1997. See pg. 55.

12-POINT BOX "SUPERRENCHES"

- 3 Short Pattern:— Double Offset—4-1/2 to 6" long. 12-pt. Opengs. 3/8, 7/16, 1/2, 9/16, 5/8".
- 5 Long Pattern:—15° angle—7-3/8 to 13-3/4". 12-pt. Opengs. 3/8, 7/16, 1/2, 9/16, 19/32, 5/8, 3/4, 7/8, 15/16, 1"; page 32.

"SUPERPLIERS"

- 1 each Midget Pattern No. 1519 and Water Pump Pattern No. 1520. See page 60.

Every Tool is Fully Guaranteed

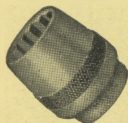
WILLIAMS' "SUPERSOCKET" WRENCHES

Chrome-plated over Nickel

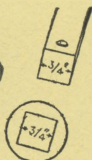
HEAVY DUTY PATTERN

3/4" Square Drive

SOCKETS



*With
Twelve Point
Opening*



Heavy Duty Sockets in 2 Patterns—Regular and Extra Deep; see tables below.

Made from superior high tensile steel and heat-treated in electric furnaces for maximum strength.

To use any Heavy Duty Socket with Parts having 1/2" sq. male drive, use Adapter SH-130, page 10.

Regular Sockets

Size Opening	No.	List Price, Each	U. S. Std. Nut	Hex Cap Scr. Size	S.A.E. Std. Nut	Amer. Std. Nut; Reg. & Jam
7/8	H-1228	\$1.08	1/2	5/8	9/16	9/16
15/16	H-1230	1.08	.....	.....	5/8	.....
1	H-1232	1.08	.....	3/4	11/16	5/8
1- 1/16	H-1234	1.32	5/8	.....	3/4	.....
1- 1/8	H-1236	1.38	.....	7/8	.....	3/4
1- 3/16	H-1238	1.38	.....	.....	.....	.....
1- 1/4	H-1240	1.56	3/4	.....	7/8	.....
1- 5/16	H-1242	1.56	.....	1	.....	7/8
1- 3/8	H-1244	1.56	.....	.....	.....	.....
1- 7/16	H-1246	1.86	7/8	.....	1	.....
1- 1/2	H-1248	1.86	.....	1-1/8	.....	1
1- 5/8	H-1252	2.16	1	.....	1-1/8	.....
1-11/16	H-1254	2.70	.....	1-1/4	.....	1-1/8
1- 3/4	H-1256	2.70	.....	.....	.....	.....
1-13/16	H-1258	2.95	1-1/8	.....	1-1/4	.....
1- 7/8	H-1260	2.95	.....	.....	.....	1-1/4
2	H-1264	3.50	1-1/4	.....	1-3/8	.....

Extra Deep Sockets

For U-bolt nuts on Buses and Trucks and other HEAVY service requiring an extra deep opening. Ample strength for the hardest jobs.

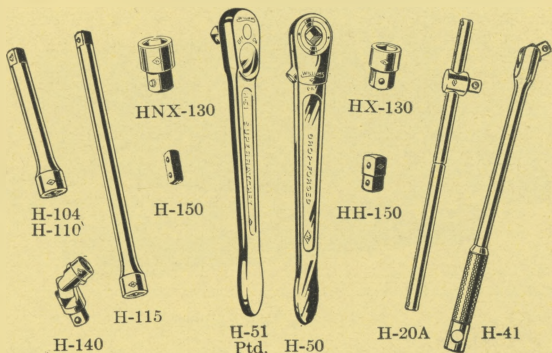


12-pt. Opening, Size	No.	List Price, Each	U. S. Std. Nut	S.A.E. Std. Nut	Extreme Length
15/16	HD-1230	\$1.62	.....	5/8	3-1/4
1-1/16	HD-1234	1.86	5/8	3/4	3-1/4
1-1/4	HD-1240	2.28	3/4	7/8	3-1/4
1-7/16	HD-1246	2.52	7/8	1	3-1/2

Fully Guaranteed

An attractive discount is given; see your jobber.

WILLIAMS' "SUPERSOCKET" WRENCHES
Chrome-plated over Nickel
HEAVY DUTY PATTERN
3/4" Square Drive
HANDLES and PARTS



No.	Piece	List
H-20A	Sliding T Handle—17-1/2" long	\$3.30
H-41	Flex Handle—20" long; flexible head, knurled grip and cross hole for Sliding Bar	6.15
H-41B	Sliding Bar, 3/4" rd. x 16" for H-41 and NX-41	1.10
H-50	Ratchet—18-1/2" long; complete with Plug-Con- nector H-150	10.50
H-51	Reversible Ratchet—19" long. 24 teeth in Ratchet-gear instead of usual 16. Turning Shift- lever reverses action instantly	11.15
H-104	Extension Bar—4" long	1.95
H-110	Extension Bar—8" long	2.70
H-115	Extension Bar—15-1/2" long	3.30
HNX-130	Adapter, 3/4" square female and 1" square male— Adapts Heavy Duty Handles (3/4" square male drive) to Extra Heavy Duty Sockets (1" square female drive). See page 10	1.50
HX-130	Adapter, 3/4" square female and 1" hex male— Adapts Heavy Duty Handles (3/4" square male drive) to Extra Heavy Duty Sockets (1" hex female drive); see page 10	1.50
H-140	Universal Joint—approx. operating range 140°	7.50
H-150	Ratchet Plug-Connector	1.20
HH-150	Plug-Adapter, 5/8" square male and 3/4" square male—Adapts Sockets with 5/8" square female drive to Ratchets with 3/4" square normal drive; also, Ratchets with 5/8" square drive to Sockets with 3/4" square female drive; see page 10	1.50

For Heavy Duty Set, see page 22.

Fully Guaranteed

An attractive discount is given; see your jobber.

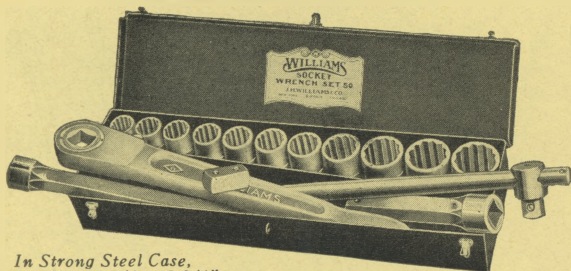
WILLIAMS' "SUPERSOCKET" WRENCHES

Chrome-plated over Nickel

HEAVY DUTY PATTERN—3/4" Square Drive

SETS NOS. 50 AND 51

For Bus and Truck Service



*In Strong Steel Case,
19-3/4 x 5-1/4 x 2-3/4"*

Fully Guaranteed

SET 50—List, \$48.54

Complete—15 Pieces

Total Weight, 28-3/4 lbs.

10 Sockets with 12-point openings, 1-1/16, 1-1/8, 1-3/16, 1-1/4, 1-5/16, 1-3/8, 1-7/16, 1-1/2, 1-5/8 and 1-3/4".

5 Accessories, Nos. H-20A, H-50, H-110, H-115 and H-140.

SET 51—List, \$30.54

Without H-50 and H-140

13 Pieces

Contains the same assortment of Sockets and Accessories as Set No. 50 excepting that Ratchet H-50 and Universal Joint H-140 are omitted.

For Bus, Truck and other severe service requiring tools of trim design, yet of ample strength, these Heavy Duty Sets are unusually handy, efficient and economical.

Twelve-point Sockets cover all U. S. Std. Nuts 5/8 to 1"; all Cap Screws 7/8 to 1-1/8"; all S. A. E. Std. Nuts 3/4 to 1-1/8"; all Amer. Std. Regular and Jam Nuts 3/4 to 1"; Light and Castle Nuts 3/4 to 1-1/8".

The Handles and Parts are easily connected with the Sockets (and as readily disconnected), but are held firmly against unintentional displacement. See previous page.

An attractive discount is given; see your jobber.

WILLIAMS' IMPROVED HOLLOW-SCREW WRENCH SET No. AL-100

Williams' detachable "Supersocket" Bits and Parts provide unusually efficient wrenches for all hex socket hollow-screws in table below.

"Superratchets", B-51 and S-51, are instantly reversible.


Genuine Williams' quality. Tough Chrome-Alloy Steel, accurately machined and heat-treated in electric furnaces, chrome-plated, polished.






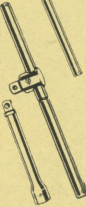


LIST PRICE \$25.00
Complete—19 Pieces

In Strong Steel Case, 13x7-1/2x1-3/4"
Total Weight, 10 lbs.

Fully Guaranteed

	Socket Bit, No.	Hex Plug, Size	For Hollow Screws		Square Drive	List Price, Each
			Set Screw	Cap Screw		
 Knurled for Spinning	AM-604	1/8	1/4	No. 8	9/32	\$.60
	AM-605	5/32	5/16	10 & 12	9/32	.60
	AM-606	3/16	3/8	1/4	9/32	.60
	AM-607	7/32	7/16	5/16	9/32	.60
	AB-608	1/4	1/2 & 9/16	.....	3/8	.75
	AB-610	5/16	5/8	3/8 & 7/16	3/8	.75
	AS-612	3/8	3/4	1/2 & 9/16	1/2	.85
	AS-616	1/2	7/8	5/8	1/2	.85
	AS-618	9/16	1 & 1-1/8	3/4 & 7/8	1/2	.85
	AS-620	5/8	1-1/4 & 1-3/8	1	1/2	.85

Handles and Parts

	No.	Piece	List		B 20A
	B-20A	Sliding T Handle—6-1/2" long	\$1.35		
	B-51	Reversible "Superratchet"—6-1/2" long—see S-51 below..	4.50		
	B-110	Extension—5-1/2" long	1.08		
	BM-130	Adapter—3/8" Sq. Female and 9/32" Sq. Male.....	.90		
	M-42	Flex Handle only—5-1/2" long; flexible head, knurled grip, cross hole for Sliding Bar....	1.40		
	Bar	Sliding Bar—4-1/2"; for M-42.	.25		
	S-20A	Sliding T Handle—11" long...	2.10		
	S-51	Reversible "Superratchet"—10-1/2". Action reverses instantly. 24 teeth in Ratchet gear instead of usual 16.....	6.75		
	S-110P	Extension—5-1/2" long	1.20	B-110 S-110P	S 20A

An attractive discount is given; see your jobber.

WILLIAMS' "SUPERSOCKET" WRENCHES

Chrome-plated over *Nickel*

EXTRA HEAVY DUTY PATTERN

1" Square Drive

SOCKETS



12-Point
Openings

Williams' Extra Heavy Duty Sockets provide sturdy strength for the hardest service. They are cross-drilled to receive Sliding Handle, bringing same close to the work. Minimizes tendency to tip when socket is used near the end of handle. Rotates nuts where handle swing is only 30°.

The "Lock-Socket" device provides a positive lock between sockets and attachments. To release "Lock-Socket" press button on socket and pull. Eliminates danger of sockets becoming detached in service. High tensile steel, heat-treated in electric furnaces. To use Extra Heavy Duty Sockets (1" square female drive) with Heavy Duty Handles and Parts (3/4" square male drive), use Adapter HNX-130, pages 10 and 21.

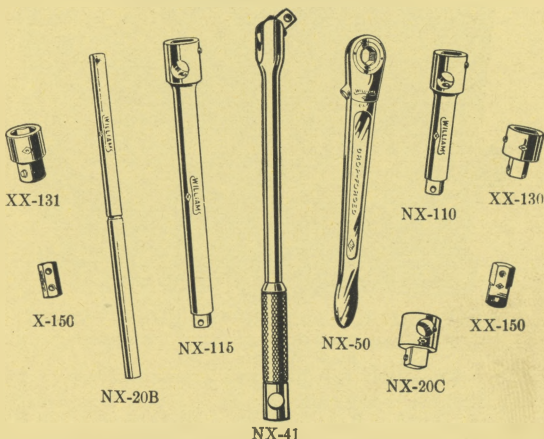
Size Opening	No.	U.S. Std. Nut; Size Bolt	Hex Hd. Cap Scr. Size Screw	S.A.E. Std. Nut and Cap Screw	Am. Std. Regl. & Jam Nuts	List Price, Each
1-1/16	NX-1234	5/8	.....	3/4	.....	\$1.80
1-1/8	NX-1236	.....	7/8	.....	3/4	1.80
1-1/4	NX-1240	3/4	.....	7/8	.....	1.98
1-3/8	NX-1244	.....	.....	.....	.....	2.10
1-7/16	NX-1246	7/8	.....	1	.....	2.22
1-1/2	NX-1248	.....	1-1/8	.....	1	2.70
1-5/8	NX-1252	1	.....	1-1/8	.....	3.00
1-13/16	NX-1258	1-1/8	.....	1-1/4	.....	4.20
1-7/8	NX-1260	.....	.....	.....	1-1/4	4.60
2	NX-1264	1-1/4	.....	1-3/8	.....	4.80
2-1/8	NX-1268	.....	.....	.....	.....	5.80
2-3/16	NX-1270	1-3/8	.....	1-1/2	.....	6.30
2-1/4	NX-1272	.....	.....	.....	1-1/2	6.90
2-3/8	NX-1276	1-1/2	.....	.....	.....	7.50
2-1/2	NX-1280	.....	.....	.....	.....	10.50
*2-9/16	NX-1282	1-5/8	.....	.....	.....	12.00
*2-5/8	NX-1284	.....	.....	.....	1-3/4	13.50
*2-3/4	NX-1288	1-3/4	.....	.....	.....	16.50
*2-15/16	NX-1294	1-7/8	.....	.....	.....	17.00
*3-1/8	NX-12100	2	.....	.....	.....	20.00

* These Sockets have short neck, no cross-hole.

Fully Guaranteed

An attractive discount is given; see your jobber.

WILLIAMS' "SUPERSOCKET" WRENCHES
Chrome-plated over Nickel
EXTRA HEAVY DUTY PATTERN
1" Square Drive
HANDLES AND PARTS



No.	Piece	List
NX-20B	Sliding Handle—1" Diam., 20" long.	\$2.10
NX-20C	Adapter—for Sliding Handle NX-20B.	3.00
NX-41	Flex Handle 27" long; flexible head, knurled grip and cross hole for Sliding Bar H-41B—Page 21	15.50
NX-50	Ratchet—20-1/2" complete with plug-Connector XX-150	16.20
NX-110	Extension Bar—9" long	5.25
NX-115	Extension Bar—18" long	6.40
X-150	Ratchet Plug—Connector—1" Hex	1.68
XX-130	Adapter—1" sq. Female and 1" hex Male	3.30
XX-131	Adapter—1" hex Female and 1" sq. Male	3.30
XX-150	Adapter—1" sq. Male and 1" hex Male	2.70

See Sets Page 26

Fully Guaranteed

An attractive discount is given; see your jobber.

WILLIAMS' "SUPERSOCKET" WRENCHES
Chrome-plated over Nickel
EXTRA HEAVY DUTY PATTERN
1" Square Drive
SET No. 76



LIST PRICE, Complete—16 Pieces—\$77.00

In Strong Steel Case, 21-1/4x7-1/8x4-5/8"

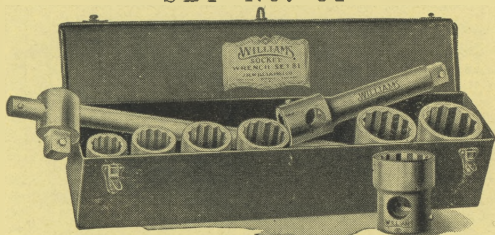
Total Weight, 53 lbs.

Excellent for Bus and Truck service

11 Sockets, openings 1-1/16, 1-1/8, 1-1/4, 1-3/8, 1-7/16, 1-1/2, 1-5/8, 1-13/16, 2, 2-3/16 and 2-3/8".

5 Accessories, Nos. NX-20B, NX-20C, NX-50, NX-110 and NX-115.

SET No. 81



LIST PRICE, Complete, 10 Pieces—\$44.25

7 Sockets, openings 1-1/4, 1-7/16, 1-5/8, 1-13/16, 2, 2-3/16 and 2-3/8".

3 Accessories, Nos. NX-20B, NX-20C and NX-110.
 A compact Set, suitable where range of work is more restricted.

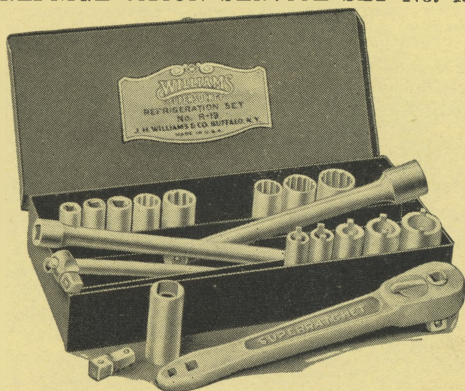
Fully Guaranteed

An attractive discount is given; see your jobber.

WILLIAMS' "SUPERSOCKET" WRENCHES

Chrome-plated over Nickel

REFRIGERATION SERVICE SET No. R-19



LIST PRICE, Complete—19 Pieces—\$18.50

In Strong Steel Case, 7-3/4 x 3-3/8 x 1-1/4"

Total Weight, 2-3/4 lbs.

This handy, compact assortment of "Supersocket" Wrenches has been carefully selected for servicing and repairing all makes of Electric Refrigerators. 14 slim, thin-wall Chrome-Alloy "Supersockets" and 5 Accessories, including a specially designed Reversible Ratchet; heat-treated and chrome-plated.

Contents of Set

- 5 Midget "Supersockets"—9/32" square drive
Square Openings—3/16, 7/32, 1/4"
8-Point Openings—5/16 and 3/8"
- 3 Bantam "Supersockets"—3/8" square drive
12-Point Openings—7/16, 1-2, 9/16"
- 5 Packing Gland Nut "Supersockets"
9/32" square drive
- 1 Kerotest Valve Packing Nut "Supersocket"
Oval Opening 1/2 x 3/8"—9/32" sq. drive
- 1 Reversible "Superratchet" complete
3/8" sq. male and 1/4" sq. female ratchet drive
Also, 3/16 and 1/4" sq. drive holes in handle end.
- 1 Plug Adapter—1/4 and 9/32" square
- 1 Sliding "T" Handle, 4-1/2"; 9/32" square drive
- 2 Extension Bars, 5-1/2 and 6" long
3/8" and 9/32" square drive respectively

Fully Guaranteed

See additional Refrigeration Tools, pages 28, 29, 51 and 57

WILLIAMS'

REFRIGERATION SERVICE TOOLS

Chrome-plated over Nickel
NOT In Set R-19

RATCHETS

Drop-Forged
Length, 6½"



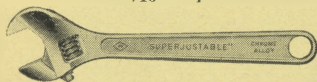
For speedy, accurate adjustment of all Valves.

No. B-50A — List Price, \$3.60

Has ¼" ratchet drive; also, ¼" sq. hole in handle.

No. B-50B — List Price, \$3.30

Has ⅝" sq. ratchet drive-opening only.

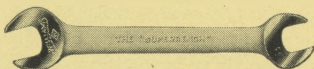


"SUPERJUSTABLE" WRENCHES (Chrome-Alloy)

Thin—Light—Strong

Size, inches	4	6	8	10	12
Capacity	1/2	3/4	15/16	1-1/8	1-5/16
List Price	\$1.30	\$1.30	\$1.60	\$2.05	\$2.95

"SUPERRENCHES" (Chrome-Molybdenum) Engineers' Pattern



Thin heads; narrow, pointed jaws. Amazingly strong.

Number	1723	1725B	1729	1733
Nominal Openings.....	⅜ & 7/16	1/2 & 9/16	5/8 & 3/4	7/8 & 1
Extreme Length.....	4 7/8	6 1/8	7 7/8	10 7/8
List Price.....	\$5.58	\$8.22	\$1.24	\$2.25



"SUPERRENCHES" (Chrome-Molybdenum) For Flared Nuts

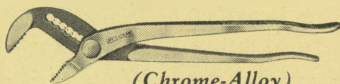
Length, 6½"—Thick. Hds., ⅝"

Number	8924	8928	8930	8932	8934	8936
Opening; 12-pt.....	3/4	7/8	15/16	1	1-1/16	1-1/8
Gap in Jaws.....	9/16	5/8	5/8	3/4	3/4	3/4
List Price	\$1.15	\$1.15	\$1.15	\$1.15	\$1.15	\$1.15

"SUPERPLIERS"

No. 1520

List Price, \$2.20



(Chrome-Alloy)

For general refrigeration use; especially Frigidaire expansion valves. Slip joint, 8 centers. Capacity, 0 to 2". Length, 9½".

Fully Guaranteed

An attractive discount is given; see your jobber.

WILLIAMS'

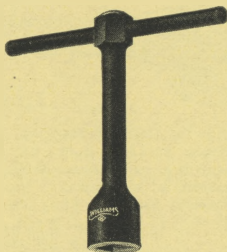
REFRIGERATION SERVICE TOOLS

NOT in Set R-19

"SUPERIOR" SOCKET WRENCHES (Carbon Steel)

Slim, light design, forged from specially strong, tough carbon steel. Heat-treated and finished in black enamel, baked on; face of head bright.

Many other sizes, both Square and Hex openings, in stock. Modified lengths to order in reasonable quantities.



SQUARE OPENINGS

No.	For Set Screw	For Cap Screw	S.A.E. Std. Nut	Amer. Std. Nut	Nominal Openg.	Diam. of Head	Extreme Lgth.	List Price, Each
960H	1/8	.....	.....	.....	1/8	5/16	3-3/4	\$.70
961H	3/16	.....	.....	.....	3/16	1/2	4-1/4	.80
961J	1/4	.....	.....	.....	1/4	1/2	4-1/4	.80
962H	5/16	.....	.....	.....	5/16	5/8	4-1/2	.88
963H	3/8	1/4	.....	.....	3/8	11/16	4-7/8	.98
965H	7/16	5/16	.....	1/4	7/16	7/8	5-3/4	1.16
966H	1/2	3/8	.....	.....	1/2	1	6 1/8	1.26
967H	9/16	7/16	.....	5/16	9/16	1-1/8	6-1/2	1.42
968H	5/8	1/2	.....	3/8	5/8	1-1/4	7	1.54

HEXAGON OPENINGS

No.	U.S. Std. Nut	Hex Cap Screw	S.A.E. Std. Nut	Amer. Std. Nut	Nominal Openg.	Diam. of Head	Extreme Lgth.	List Price, Each
961A	1/8	1/8	.....	.....	5/16	1/2	4-1/4	\$.80
962D	.....	3/16	.....	.....	3/8	5/8	4-1/2	.88
963A	3/16	.....	.....	.....	13/32	11/16	4-7/8	.98
963D	.....	1/4	1/4	1/4	7/16	11/16	4-7/8	.98
964A	1/4	5/16	5/16	.....	1/2	3/4	5-1/4	1.04
965D	.....	3/8	3/8	5/16	9/16	7/8	5-3/4	1.16
965A	5/16	.....	.....	.....	19/32	7/8	5-3/4	1.16
966D	.....	7/16	7/16	3/8	5/8	1	6-1/8	1.26

Fully Guaranteed

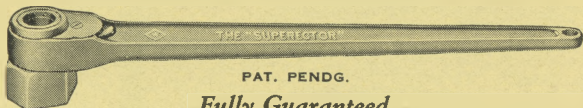
An attractive discount is given; see your jobber.



THE "SUPERECTOR"

REVERSIBLE RATCHET WRENCH

With Quadruple Pawls & Drop-Forged Handle



PAT. PENDG.

Fully Guaranteed

THE "SUPERECTOR" is built for rapid operation in the most severe service such as bridge, structural and other work requiring fast, dependable tools of rugged strength. Instantly reversible in action. Ample leverage for the hardest jobs. Finished in light gray enamel.

Only WILLIAMS' "SUPERECTOR" offers all the following advantages.

QUADRUPLE PAWLS. Two pawls engaging 2 teeth for both ON and OFF rotation of nuts, providing increased bearing and strength. Made of hardened tool steel designed to provide straight compressive loading on the pawls and teeth—the sturdiest construction possible.

HANDLE Drop-Forged (not cast) from special high grade steel.

GEAR TEETH. 20 teeth in ALL socket gears instead of the usual 16 teeth. All wrenches will rotate with only an 18° swing of the wrench as against 22-1/2°.

SHIFTER. When in neutral, completely disengages all gears for easy insertion and removal of the Socket. A flip of the lever reverses the action of the wrench.

COLLAR for retaining socket has a projection on inner surface which registers easily with a corresponding slot in the neck of the Socket. No fumbling for set screw "spots."

CAP, securely seated in wrench head is fastened with one screw, fully enclosing mechanism and permitting easy removal.

SET No. E1-12

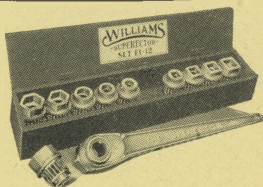
List Price,

Complete—\$71.25

12 Pieces

In Wooden Box,

36x6x5-1/2 inches



"Superector" Wrench E1-24 and 11 Sockets:

- 4 Square—1-1/16, 1-1/4, 1-7/16 and 1-5/8 inches.
 7 Hex—1-1/16, 1-1/4, 1-7/16, 1-5/8, 1-13/16,
 2 and 2-3/16 inches.

(Continued on opposite page)

An attractive discount is given; see your jobber.

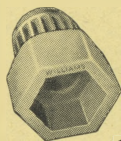


THE "SUPERECTOR" REVERSIBLE RATCHET WRENCH

(Continued)

SOCKETS have hole through center; turn nuts on any length of bolt. Made in three groups—E1, E2, E3—to fit corresponding Wrenches; see table. Sockets in different groups are not interchangeable. All are heat-treated for maximum strength.

Order Wrenches and Sockets by Number



WRENCHES ONLY, without SOCKETS

No.	Lgth.	PRICE	No.	Lgth.	PRICE	No.	Lgth.	PRICE
E1-24	24	\$12.60	E2-36	36	\$25.20	E3-48	53	\$50.40
E1-36	36	19.80	E2-48	48	32.40			
E1 Sockets fit both above Wrenches only.			E2 Sockets fit both above Wrenches only.			E3 Sockets fit the above Wrench only.		

SOCKETS ONLY—Hex and Square

Nominal Opening, Size Across Flats	Number		U.S. Std. Nut and Amer. Std. HEAVY Nut, Hex & Sqr.	For S.A.E. Std. Nut, Hex Only	Amer. Std. Regular and Jam Nuts, Hex & Sqr.	PRICE Hex or Square Socket Only
	Hex Socket	Square Socket				

E1 SOCKETS below fit E1-24 and E1-36 Wrenches ONLY

1		E1-416			5/8	\$4.85
1- 1/16	E1-617	E1-417	5/8	3/4		4.85
1- 1/8	E1-618	E1-418			3/4	4.90
1- 1/4	E1-620	E1-420	3/4	7/8		5.00
1- 5/16	E1-621	E1-421			7/8	5.10
1- 7/16	E1-623	E1-423	7/8	1		5.20
1- 1/2	E1-624	E1-424			1	5.30
1- 5/8	E1-626	E1-426	1	1-1/8		5.40
1-11/16	E1-627				1-1/8	5.50
1- 3/4	E1-628					5.60
1-13/16	E1-629	E1-429	1-1/8	1-1/4		5.65
1- 7/8	E1-630	E1-430			1-1/4	5.75
2	E1-632	E1-432	1-1/4	1-3/8		5.90
2- 1/16	E1-633				1-3/8	6.00
2- 3/16	E1-635	E1-435	1-3/8	1-1/2		6.20
2- 1/4	E1-636	E1-436			1-1/2	6.40

E2 SOCKETS below fit E2-36 and E2-48 Wrenches ONLY

2	E2-632	E2-432	1-1/4	1-3/8		\$ 9.70
2- 3/16	E2-635	E2-435	1-3/8	1-1/2		10.00
2- 3/8	E2-638	E2-438	1-1/2			10.40
2- 9/16	E2-641	E2-441	1-5/8			10.80
2- 3/4	E2-644	E2-444	1-3/4			11.30
2-15/16	E2-647	E2-447	1-7/8			11.85
3- 1/8	E2-650	E2-450	2			12.40

E3 SOCKETS below fit E3-48 Wrench ONLY

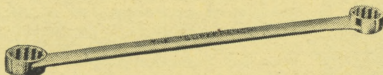
3- 1/8	E3-650	E3-450	2			\$20.10
3- 1/2	E3-656	E3-456	2-1/4			20.80
3- 7/8	E3-662	E3-462	2-1/2			21.60
4- 1/4	E3-668	E3-468	2-3/4			22.55
4- 5/8	E3-674	E3-474	3			23.65



12-POINT BOX "SUPERRENCHES" (Chrome-Molybdenum)



No. 6723
to 6727



No. 7723 to 7041

These strong, tough "Superrenches" have thin head walls for use in close quarters. The 12-point openings grip hex nuts on six sides, preventing all slipping and rounding of the nut's corners.

GENUINE "Superrenches", drop-forged from Chrome-Molybdenum, heat-treated, chrome-plated.

Also finished in baked gray enamel at lower price; details on request.

Fully Guaranteed

No.	12-Point Openings	U. S. Std. Nuts	Hex Cap Screws	S.A.E. Std. Nuts	Amer.Std. Regular Nuts	LIST PRICE
Long 15° Angle—7 to 19 in.—Chrome-plated						
7723	$\frac{3}{8}$ & $\frac{7}{16}$	.....	$\frac{3}{16}$ & $\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	\$.95
7725	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{4}$ & $\frac{5}{16}$	$\frac{1}{4}$ & $\frac{5}{16}$	$\frac{1}{4}$	.95
7725B	$\frac{1}{2}$ & $\frac{9}{16}$	$\frac{1}{4}$	$\frac{5}{16}$ & $\frac{3}{8}$	$\frac{5}{16}$ & $\frac{3}{8}$	$\frac{5}{16}$	1.00
7025	$\frac{1}{2}$ & $\frac{11}{16}$	$\frac{1}{4}$ & $\frac{5}{16}$	$\frac{5}{16}$	$\frac{5}{16}$	.....	1.00
7727	$\frac{9}{16}$ & $\frac{5}{8}$	.....	$\frac{3}{8}$ & $\frac{7}{16}$	$\frac{3}{8}$ & $\frac{7}{16}$	$\frac{5}{16}$ & $\frac{3}{8}$	1.05
7727A	$\frac{5}{8}$ & $\frac{11}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{7}{16}$	$\frac{3}{8}$	1.20
7027	$\frac{11}{16}$ & $\frac{19}{32}$	$\frac{3}{8}$ & $\frac{5}{16}$	.....	.....	.....	1.20
7729	$\frac{5}{8}$ & $\frac{3}{4}$	.....	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{3}{8}$ & $\frac{7}{16}$	1.20
7029	$\frac{11}{16}$ & $\frac{25}{32}$	$\frac{3}{8}$ & $\frac{7}{16}$	.....	.....	.....	1.35
7729A	$\frac{3}{4}$ & $\frac{25}{32}$	$\frac{3}{8}$ & $\frac{7}{16}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{7}{16}$	1.40
7030	$\frac{11}{16}$ & $\frac{7}{8}$	$\frac{3}{8}$ & $\frac{1}{2}$	$\frac{5}{8}$	$\frac{9}{16}$	$\frac{9}{16}$	1.40
7731A	$\frac{3}{4}$ & $\frac{7}{8}$	$\frac{1}{2}$	$\frac{1}{2}$ & $\frac{5}{8}$	$\frac{1}{2}$ & $\frac{9}{16}$	$\frac{7}{16}$ & $\frac{9}{16}$	1.40
7731B	$\frac{13}{16}$ & $\frac{7}{8}$	$\frac{1}{2}$	$\frac{9}{16}$ & $\frac{5}{8}$	$\frac{9}{16}$	$\frac{1}{2}$ & $\frac{9}{16}$	1.55
7033	$\frac{7}{8}$ & $\frac{31}{32}$	$\frac{1}{2}$ & $\frac{9}{16}$	$\frac{5}{8}$	$\frac{9}{16}$	$\frac{9}{16}$	1.85
7033C	$\frac{15}{16}$ & 1	.....	$\frac{3}{4}$	$\frac{9}{16}$ & $\frac{11}{16}$	$\frac{5}{8}$	1.85
7034	$\frac{7}{8}$ & $\frac{11}{16}$	$\frac{1}{2}$ & $\frac{3}{4}$	$\frac{5}{8}$	$\frac{9}{16}$ & $\frac{3}{4}$	$\frac{9}{16}$	2.95
7735A	$\frac{11}{16}$ & $\frac{1}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	$\frac{3}{4}$	$\frac{3}{4}$	3.30
7037	$\frac{11}{16}$ & $\frac{1}{4}$	$\frac{3}{4}$ & $\frac{3}{4}$	.....	$\frac{3}{4}$ & $\frac{7}{8}$	.....	3.30
†7737	$\frac{11}{8}$ & $\frac{1}{4}$	$\frac{3}{4}$	$\frac{7}{8}$	.....	$\frac{3}{4}$	3.80
7039	$\frac{11}{16}$ & $\frac{17}{16}$	$\frac{3}{4}$ & $\frac{7}{8}$	.....	$\frac{7}{8}$ & 1	.....	3.80
7039A	$\frac{15}{16}$ & $\frac{11}{2}$	.....	1 & $\frac{1}{8}$	.....	$\frac{7}{8}$ & 1	3.80
7041	$\frac{17}{16}$ & $\frac{15}{8}$	$\frac{7}{8}$ & 1	.....	1 & $\frac{1}{8}$	.....	4.95
Short 15° Angle—4-1/2 to 6 in.—Chrome-plated						
6723	$\frac{3}{8}$ & $\frac{7}{16}$	.....	$\frac{3}{16}$ & $\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	.95
6725	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{1}{4}$	$\frac{1}{4}$ & $\frac{5}{16}$	$\frac{1}{4}$ & $\frac{5}{16}$	$\frac{1}{4}$	1.00
6725B	$\frac{1}{2}$ & $\frac{9}{16}$	$\frac{1}{4}$	$\frac{5}{16}$ & $\frac{3}{8}$	$\frac{5}{16}$ & $\frac{3}{8}$	$\frac{5}{16}$	1.00
6727	$\frac{9}{16}$ & $\frac{5}{8}$	.....	$\frac{3}{8}$ & $\frac{7}{16}$	$\frac{3}{8}$ & $\frac{7}{16}$	$\frac{5}{16}$ & $\frac{3}{8}$	1.10

† Has thicker head walls for severe service.

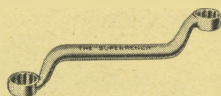
An attractive discount is given from list prices shown

WILLIAMS

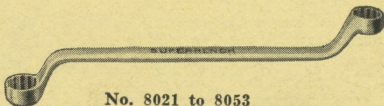
SUPERIOR DROP-FORGED TOOLS

12-POINT BOX "SUPERRENCHES"

(Chrome-Molybdenum)



No. 9723
to 9727



No. 8021 to 8053

For Description—see opposite page; Sets page 34

No.	12-Point Openings	U. S. Std. Nuts	Hex Cap Screws	S.A.E. Std. Nuts	Amer. Std. Regular Nuts	LIST PRICE
Long Double Offset—7-1/2 to 19"—Chrome-plated						
8021	5/16 & 13/32	1/8 & 3/16	1/8	1/4	1/4	\$.80
8723	3/8 & 7/16	1/4	3/16 & 1/4	1/4	1/4	.95
8725	7/16 & 1/2	1/4	1/4 & 5/16	1/4 & 5/16	1/4	.95
8725B	1/2 & 9/16	1/4	5/16 & 3/8	5/16 & 3/8	5/16	1.00
8025	1/2 & 19/32	1/4 & 5/16	5/16	3/8	5/16	1.00
8727	9/16 & 5/8	3/8	3/8 & 7/16	3/8 & 7/16	5/16 & 3/8	1.05
8727A	5/8 & 11/16	3/8	7/16	7/16	3/8	1.20
8027	11/16 & 19/32	3/8 & 5/16	7/16	7/16	3/8	1.20
8729	5/8 & 3/4	3/8	7/16 & 1/2	7/16 & 1/2	3/8 & 7/16	1.20
8029	11/16 & 25/32	3/8 & 7/16	1/2	1/2	7/16	1.35
8729A	3/4 & 25/32	3/8 & 7/16	1/2	1/2	7/16	1.40
8030	11/16 & 7/8	3/8 & 1/2	5/8	9/16	9/16	1.40
8731A	3/4 & 7/8	1/2	1/2 & 5/8	1/2 & 9/16	7/16 & 9/16	1.40
8731B	13/16 & 7/8	1/2	9/16 & 5/8	9/16	1/2 & 9/16	1.40
8033	7/8 & 31/32	1/2 & 9/16	5/8	9/16	9/16	1.65
8033C	1 & 1	1/2 & 5/8	3/4	5/8 & 11/16	5/8	1.85
8034	7/8 & 1 1/16	1/2 & 5/8	5/8	9/16 & 3/4	9/16	2.95
8735A	1 1/16 & 1 1/8	5/8	7/8	3/4	3/4	3.30
8037	1 1/16 & 1 1/4	5/8 & 3/4	7/8	3/4 & 7/8	3/4	3.30
8039	1 1/4 & 1 1/2	3/4 & 7/8	1	7/8 & 1	7/8 & 1	3.80
8039A	1 1/2 & 1 5/8	1	1 & 1 1/8	1	7/8 & 1	3.80

For Heavy Service—23 to 30"—Round Hdle.—Gray Enameled

8041	1 7/16 & 1 5/8	7/8 & 1	1	1 1/8	1 1/8	4.95
8045	1 13/16 & 2	1 1/8 & 1 1/4	1 1/4	1 3/8	1 3/8	8.45
8049	2 5/16 & 2 3/8	1 3/8 & 1 1/2	1 1/2	1 1/2	1 1/2	10.60
8053	2 9/16 & 2 3/4	1 5/8 & 1 3/4	1 5/8	1 3/4	1 3/4	16.25

Short Double Offset—4-1/2 to 6"—Chrome-plated

9723	3/8 & 7/16	1/4	3/16 & 1/4	1/4	1/4	.95
9725	7/16 & 1/2	1/4	1/4 & 5/16	1/4 & 5/16	1/4	1.00
9725B	1/2 & 9/16	1/4	5/16 & 3/8	5/16 & 3/8	5/16	1.00
9727	9/16 & 5/8	3/8	3/8 & 7/16	3/8 & 7/16	5/16 & 3/8	1.10

An attractive discount is given; see your jobber.



12-POINT BOX "SUPERRENCH" SETS

(*Chrome-Molybdenum*)

Genuine "Superrenches"; drop-forged Chrome-Moly. steel, heat-treated, chrome plated.

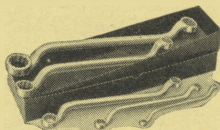
SET 8005—5 Long Double Offset Wrenches

Different Opening in Each Head

LIST PRICE, \$8.10

In Cardboard Box

Openings 5/16, 13/32, 1/2, 19/32, 11/16, 25/32, 7/8, 31/32, 1-1/16, 1-1/4". Length, 7-1/4 to 17".



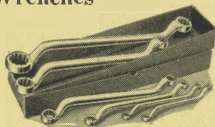
SET 8006—6 Long Double Offset Wrenches

Different Opening in Each Head

LIST PRICE, \$7.60

In Cardboard Box

Openings 3/8, 7/16, 1/2, 9/16, 19/32, 5/8, 11/16, 25/32, 3/4, 7/8, 15/16, 1". Length, 7-3/4 to 14-1/2".



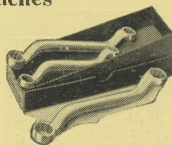
SET 9703—3 Short Dble. Offset Wrenches

Different Opening in Each Head

LIST PRICE, \$3.05

In Cardboard Box

Openings 3/8, 7/16, 1/2, 9/16 and 5/8". Length, 4-1/2 to 6".



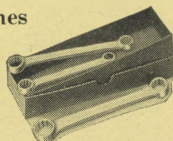
SET 6703—3 Short 15° Angle Wrenches

Different Opening in Each Head

LIST PRICE, \$3.05

In Cardboard Box

Openings 3/8, 7/16, 1/2, 9/16 and 5/8". Length, 4-1/2 to 6".



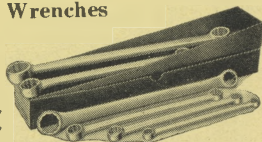
SET 7006—6 Long 15° Angle Wrenches

Different Opening in Each Head

LIST PRICE, \$7.60

In Cardboard Box

Openings 3/8, 7/16, 1/2, 9/16, 19/32, 5/8, 11/16, 25/32, 3/4, 7/8, 15/16, 1". Length, 7-3/8 to 13-3/4".



An attractive discount is given; see your jobber

WILLIAMS

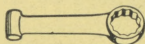
SUPERIOR DROP-FORGED TOOLS

12-POINT BOX "SUPERRENCHES"—Chrome-Alloy

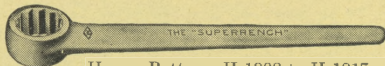
Regular
Pattern



No. 1800A
to 1812



†Striking face



Heavy Pattern H-1808 to H-1817

For close quarters. Unfinished are gray enameled (baked) all over. Finished; chrome-plated, faces of head bright.

No.	U. S. Std. Nut	Hex Cap Screw	S.A.E. Std. Nut	Amer. Std. Nut	Nominal Opening	LIST PRICE	
						Un- find.	Finished
Regular Pattern—12-Point Opening							
1800A	.....	1/4	1/4	1/4	7/16	FOR "THE DURATION"	\$.61
1801	1/4	5/16	5/16	.....	1/2		.73
1802A	.....	3/8	3/8	5/16	9/16		.86
1802	5/16	.....	.....	.....	19/32		.86
1803A	.....	7/16	7/16	3/8	5/8		1.00
1803	3/8	.....	.....	.....	11/16		1.00
1804A	.....	1/2	1/2	7/16	3/4		1.15
1804	7/16	.....	.....	.....	25/32		1.15
1805A	.....	9/16	.....	1/2	13/16		1.40
1805	1/2	5/8	9/16	9/16	7/8		1.40
1806A	.....	.....	5/8	.....	15/16		1.70
1806	9/16	.....	.....	.....	31/32		1.70
1806B	.....	3/4	11/16	5/8	1		1.70
1807	5/8	.....	3/4	.....	1 1/16		2.05
1807A	.....	7/8	.....	3/4	1 1/8		2.05
1808	3/4	.....	7/8	.....	1 1/4		2.60
1808A	.....	1	.....	7/8	1 5/16		2.60
1809	7/8	.....	1	.....	1 7/16		3.50
1809A	.....	1 1/8	.....	1	1 1/2	3.50	
1810	1	.....	1 1/8	.....	1 5/8	4.70	
1810A	.....	1 1/4	.....	1 1/8	1 11/16	4.70	
1811	1 1/8	.....	1 1/4	.....	1 13/16	6.20	
1811A	.....	.....	.....	1 1/4	1 7/8	6.20	
1812	1 1/4	.....	1 3/8	.....	2	8.05	

FOR "THE DURATION"

Heavy Pattern—12-Point Openings

†H1808	3/4		7/8		1 1/4		\$3.45
†H1808A		1		7/8	1 5/16		3.45
†H1809	7/8		1		1 7/16		4.65
†H1809A		1 1/8		1	1 1/2		4.65
†H1810	1		1 1/8		1 5/8		6.25
†H1810A		1 1/4		1 1/8	1 11/16		6.25
†H1811	1 1/8		1 1/4		1 13/16		8.25
†H1811A				1 1/4	1 7/8		8.25
†H1812	1 1/4		1 3/8		2		10.70
†H1813	1 3/8		1 1/2		2 3/16		13.55
†H1813A				1 1/2	2 1/4		13.55
†H1814	1 1/2				2 3/8		16.90
†H1815	1 5/8				2 9/16		28.05
†H1815A				1 3/4	2 5/8		28.05
†H1816	1 3/4				2 3/4		40.20
†H1817A				2	3		55.00
†H1817	2				3 1/8		55.00

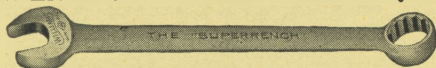
DISCONTINUED

† Supplied with "striking-face" for sledging service at extra charge

WILLIAMS' "SUPERRENCHES"

(Chrome-Alloy)

OPEN END-BOX PATTERN for Close Quarters



Fully Guaranteed

These long, slender "Superrenches", combining two styles of head, are designed especially for use in close quarters.

Open end is thin, with slim jaws and opening at angle of 15°—the most efficient ever devised for this type of wrench-head.

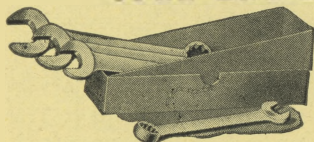
Box end, with 12-point opening and thin walls, is offset from plane of handle; see illustration.

Same size opening in both heads; where one can not operate, the other will. Each rotates hex nuts when the wrench can swing only 30°—less than 1/10 of a full turn.

Drop-forged from tough Chrome-Alloy steel, heat-treated and chrome-plated, with faces of open end buffed bright.

No.	Nominal Openings	U.S. Std. Nut	Hex Cap Screw	S.A.E. Std. Nut	Amer. Std. Nut	Length, Approx.	LIST PRICE
1159	5/16 & 5/16	1/8	1/8	.....	.....	4-3/8	\$1.00
1160	3/8 & 3/8	.....	3/16	.....	.....	5	1.15
1161	7/16 & 7/16	.....	1/4	1/4	1/4	5-3/8	1.18
1162	1/2 & 1/2	1/4	5/16	5/16	.....	6	1.28
1163	9/16 & 9/16	.....	3/8	3/8	5/16	6-3/4	1.40
1164	5/8 & 5/8	.....	7/16	7/16	3/8	7-5/8	1.55
1165	11/16 & 11/16	3/8	.....	.....	.....	8-1/2	1.70
1166	3/4 & 3/4	.....	1/2	1/2	7/16	9-1/2	1.85
1167A	13/16 & 13/16	.....	9/16	.....	1/2	10-1/2	2.00
1167	7/8 & 7/8	1/2	5/8	9/16	9/16	10-1/2	2.00
1168	15/16 & 15/16	.....	.....	5/8	.....	13	2.15
1170	1 & 1	.....	3/4	11/16	5/8	13	2.15
1171	1-1/16 & 1-1/16	5/8	.....	3/4	.....	15	2.40
1172	1-1/8 & 1-1/8	.....	7/8	.....	3/4	15	2.40
1173	1-1/4 & 1-1/4	3/4	.....	7/8	.....	18	2.90
1176	1-7/16 & 1-7/16	7/8	.....	1	.....	21	3.45

OPEN END-BOX SETS



SET No. 1168-S

List Price \$5.40

4 "Superrenches"
Complete in
Cardboard Box

1 each Nos. 1161, 1162, 1163 and 1164, cover all the more popular small sizes of various nuts and cap-screws; see table.

SET No. 1169-S

List Price, 6 "Superrenches" \$8.95

Complete in Cardboard Box

Similar to Set above, but contains 6 wrenches, 1 each Nos. 1161, 1162, 1163, 1164, 1165 and 1166. Services 16 different sizes of nuts and cap-screws; see table above.

An attractive discount is given; see your jobber.

WILLIAMS

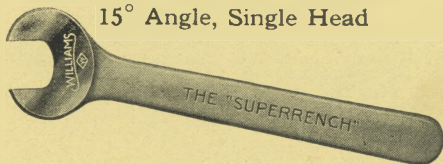
SUPERIOR DROP-FORGED TOOLS

"SUPERRENCH"

(Chrome-Molybdenum)

ENGINEERS' WRENCHES

15° Angle, Single Head



Forged from Chrome-Molybdenum steel, heat-treated, chrome-plated over nickel, heads buffed bright.

Fully Guaranteed

No.	For U. S. Std. Nut; Size Bolt	For Hex Head Cap Screw; Diameter Screw	For S. A. E. Std. Nut; Size Bolt	For American Std. Nut, Regular and Jam; Size Bolt	Nominal Opening	Thick- ness Head	LIST PRICE Each
1000	1/8	1/8	.....	.....	5/16	7/32	\$.47
1700	.....	3/16	.....	.....	3/8	.....	.....
1000A	3/16	.....	.....	.....	13/32	1/4	.47
1701	.....	1/4	1/4	1/4	7/16	9/32	.56
1001	1/4	5/16	5/16	.....	1/2	.....	.....
1702	.....	3/8	3/8	5/16	9/16	5/16	.70
1002	5/16	.....	.....	.....	19/32	.....	.....
1703	.....	7/16	7/16	3/8	5/8	11/32	.85
1003	3/8	.....	.....	.....	11/16	.....	.....
1704	.....	1/2	1/2	7/16	3/4	3/8	1.05
1004	7/16	.....	.....	.....	25/32	.....	.....
1705	.....	9/16	.....	1/2	13/16	7/16	1.25
1005	1/2	5/8	9/16	9/16	7/8	.....	.....
1006A	.....	.....	5/8	.....	15/16	.....	.....
1006	9/16	.....	.....	.....	31/32	1/2	1.50
1706	.....	3/4	11/16	5/8	1	.....	.....
1007	5/8	.....	3/4	.....	1 1/16	9/16	1.88
1707	.....	7/8	.....	3/4	1 1/8	.....	.....
1008	3/4	.....	7/8	.....	1 1/4	21/32	2.50
1008A	.....	1	.....	7/8	1 5/16	.....	.....
1009	7/8	.....	1	.....	1 7/16	23/32	3.80
1709	.....	1-1/8	.....	1	1 1/2	.....	.....
1010	1	.....	1-1/8	.....	1 5/8	25/32	5.30
1010A	.....	1-1/4	.....	1-1/8	1 11/16	.....	.....
1011	1-1/8	.....	1-1/4	.....	1 13/16	7/8	6.90
1011A	.....	.....	.....	1-1/4	1 7/8	.....	.....
1012	1-1/4	.....	1-3/8	.....	2	15/16	9.40
1012A	.....	.....	.....	1-3/8	2 1/16	.....	.....
1013	1-3/8	.....	1-1/2	.....	2 3/16	1	12.15
1013A	.....	.....	.....	1-1/2	2 1/4	.....	.....
1014	1-1/2	.....	.....	.....	2 3/8	1 1/16	15.30
1014A	.....	.....	.....	1-5/8	2 7/16	.....	.....

An attractive discount is given; see your jobber.

WILLIAMS

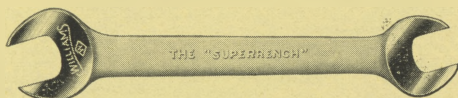
SUPERIOR DROP-FORGED TOOLS

"SUPERRENCH"

(Chrome-Molybdenum)

ENGINEERS' WRENCHES

15° Angle, Double Head



"Superrenches" grip the tightest nuts—and MAKE them yield. No bulk in the head to interfere where clearance is limited. The jaws are long, thin and pointed, but the strength is the greatest ever put in a thin wrench. Chrome-Molybdenum steel, the best material for the purpose ever produced, makes "Superrenches" absolutely dependable—no matter how hard the work.

The 15° angle of opening is the most efficient that can be devised. With it, a hex nut can be rotated completely where the wrench can swing only 30°.

Drop-forged, heat-treated and chrome-finished.

For Sets, see page 40.

Fully Guaranteed

No.	For U. S. Std. Nuts; Size Bolts	For Hex Head Cap Screws; Diameter Screws	For S.A.E. Std. Nuts and Cap Screws; Size Bolts	For American Std. Nuts Regular and Jam; Size Bolts	Nominal Openings	Thick- ness Heads	LIST PRICE Each
1021S	$\frac{1}{8}$	$\frac{1}{8}$	.....	.....	$\frac{1}{4}$ & $\frac{5}{16}$	$\frac{3}{16}$	\$.58
1721	$\frac{1}{8}$	$\frac{1}{8}$ & $\frac{3}{16}$	.....	.....	$\frac{5}{16}$ & $\frac{3}{8}$		
1021	$\frac{1}{8}$ & $\frac{3}{16}$	$\frac{1}{8}$	.....	.....	$\frac{5}{16}$ & $\frac{13}{32}$		
1723	.....	$\frac{3}{16}$ & $\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$ & $\frac{7}{16}$	$\frac{13}{64}$	.58
1023	$\frac{3}{16}$ & $\frac{1}{4}$	$\frac{5}{16}$	$\frac{5}{16}$	.....	$\frac{11}{16}$ & $\frac{1}{2}$	$\frac{7}{32}$	.69
1723A	$\frac{1}{4}$	$\frac{3}{16}$ & $\frac{5}{16}$	$\frac{5}{16}$	.....	$\frac{3}{8}$ & $\frac{1}{2}$		
1725	$\frac{1}{4}$	$\frac{1}{4}$ & $\frac{5}{16}$	$\frac{1}{4}$ & $\frac{5}{16}$	$\frac{1}{4}$	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{15}{64}$	.82
1725B	$\frac{1}{4}$	$\frac{5}{16}$ & $\frac{3}{8}$	$\frac{5}{16}$ $\frac{3}{8}$	$\frac{5}{16}$	$\frac{1}{2}$ & $\frac{9}{16}$	$\frac{1}{4}$	.82
1025	$\frac{1}{4}$ & $\frac{5}{16}$	$\frac{5}{16}$	$\frac{5}{16}$	.....	$\frac{1}{2}$ & $\frac{19}{32}$		

Continued next page

An attractive discount is given; see your jobber



ENGINEERS' WRENCHES

15° Angle, Double Head (Continued)

No.	For U. S. Std. Nuts Size Bolts	Hex Head Cap Screws; Diameter Screws	For S.A.E. Std. Nuts and Cap Screws; Size Bolts	American Std. Nuts Regular and Jam; Size Bolts	Nominal Openings	Thick- ness Heads	LIST PRICE Each
1727	.....	$\frac{3}{8}$ & $\frac{7}{16}$	$\frac{3}{8}$ & $\frac{7}{16}$	$\frac{5}{16}$ & $\frac{3}{8}$	$\frac{9}{16}$ & $\frac{5}{8}$	$\frac{17}{64}$	\$1.00
1027	$\frac{5}{16}$ & $\frac{3}{8}$	.....	.....	.....	$\frac{19}{32}$ & $\frac{11}{16}$	$\frac{9}{32}$	1.00
1027C	$\frac{3}{8}$	$\frac{3}{8}$	$\frac{3}{8}$	$\frac{5}{16}$	$\frac{9}{16}$ & $\frac{11}{16}$		
1028S	$\frac{7}{16}$	$\frac{7}{16}$	$\frac{7}{16}$	$\frac{3}{8}$	$\frac{5}{8}$ & $\frac{25}{32}$	$\frac{19}{64}$	1.24
1729	.....	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{3}{8}$ & $\frac{7}{16}$	$\frac{5}{8}$ & $\frac{3}{4}$		
1029	$\frac{3}{8}$ & $\frac{7}{16}$	.....	.....	.....	$\frac{11}{16}$ & $\frac{25}{32}$	$\frac{5}{16}$	1.24
1731	.....	$\frac{1}{2}$ & $\frac{9}{16}$	$\frac{1}{2}$	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{3}{4}$ & $\frac{13}{16}$		
1731A	$\frac{1}{2}$	$\frac{1}{2}$ & $\frac{5}{8}$	$\frac{1}{2}$ & $\frac{9}{16}$	$\frac{7}{16}$ & $\frac{9}{16}$	$\frac{3}{4}$ & $\frac{7}{8}$	$\frac{11}{32}$	1.55
1031	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{5}{8}$	$\frac{9}{16}$	$\frac{9}{16}$	$\frac{25}{32}$ & $\frac{7}{8}$		
1731B	$\frac{1}{2}$	$\frac{9}{16}$ & $\frac{5}{8}$	$\frac{9}{16}$	$\frac{1}{2}$ & $\frac{9}{16}$	$\frac{13}{16}$ & $\frac{7}{8}$		
1033A	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{9}{16}$ & $\frac{5}{8}$	$\frac{9}{16}$	$\frac{7}{8}$ & $\frac{15}{16}$	$\frac{3}{8}$	1.65
1033	$\frac{1}{2}$ & $\frac{9}{16}$	$\frac{5}{8}$	$\frac{9}{16}$	$\frac{9}{16}$	$\frac{7}{8}$ & $\frac{31}{32}$		
1733	$\frac{1}{2}$	$\frac{5}{8}$ & $\frac{3}{4}$	$\frac{9}{16}$ & $\frac{11}{16}$	$\frac{9}{16}$ & $\frac{5}{8}$	$\frac{7}{8}$ & 1	$\frac{13}{32}$	2.25
1033C	.....	$\frac{3}{4}$	$\frac{5}{8}$ & $\frac{11}{16}$	$\frac{5}{8}$	$\frac{15}{16}$ & 1		
1034A	$\frac{5}{8}$	.....	$\frac{5}{8}$ & $\frac{3}{4}$	.....	$\frac{15}{16}$ & $\frac{11}{16}$		
1034	$\frac{1}{2}$ & $\frac{5}{8}$	$\frac{5}{8}$	$\frac{9}{16}$ & $\frac{3}{4}$	$\frac{9}{16}$	$\frac{7}{8}$ & $\frac{11}{16}$	$\frac{7}{16}$	2.25
1035	$\frac{9}{16}$ & $\frac{5}{8}$	.....	$\frac{3}{4}$	.....	$\frac{15}{16}$ & $\frac{11}{16}$		
1735	.....	$\frac{3}{4}$ & $\frac{7}{8}$	$\frac{11}{16}$	$\frac{5}{8}$ & $\frac{3}{4}$	1 & $\frac{11}{8}$		
1037	$\frac{5}{8}$ & $\frac{3}{4}$	.....	$\frac{3}{4}$ & $\frac{7}{8}$	.....	1 $\frac{1}{16}$ & $\frac{11}{4}$	$\frac{1}{2}$	3.15
1737	$\frac{3}{4}$	$\frac{7}{8}$	$\frac{7}{8}$	$\frac{3}{4}$	1 $\frac{1}{8}$ & $\frac{11}{4}$		
1037A	.....	$\frac{7}{8}$ & 1	.....	$\frac{3}{4}$ & $\frac{7}{8}$	1 $\frac{1}{8}$ & $\frac{15}{16}$		
1039	$\frac{3}{4}$ & $\frac{7}{8}$	.....	$\frac{7}{8}$ & 1	.....	1 $\frac{1}{4}$ & $\frac{17}{16}$		
1039A	.....	1 & $\frac{11}{8}$	.....	$\frac{7}{8}$ & 1	$\frac{15}{16}$ & $\frac{11}{2}$	$\frac{9}{16}$	4.90
1040	$\frac{3}{4}$ & 1	.....	$\frac{7}{8}$ & $\frac{11}{8}$	.....	1 $\frac{1}{4}$ & $\frac{15}{8}$		
1041	$\frac{7}{8}$ & 1	.....	1 & $\frac{11}{8}$	.....	1 $\frac{7}{16}$ & $\frac{15}{8}$	$\frac{3}{4}$	8.80

An attractive discount is given; see your jobber

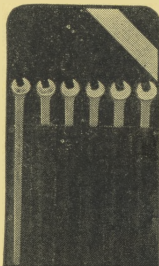
WILLIAMS

SUPERIOR DROP-FORGED TOOLS

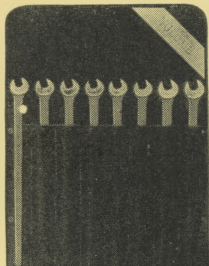
(Chrome-Alloy) TAPPET "SUPERRENCHES"

Extra Long — Single Head
Thin—Light—Strong

SET No. 106



SET No. 108



6 Wrenches

Opengs. 1/2 to 5/8"

Will service 80%
of popular cars.

8 Wrenches

Openings, 7/16 to 5/8"

Will service nearly every
make of car.

LIST PRICE	No. 106	No. 108
In Leatherette Roll.....	\$7.85	\$10.30
In Cardboard Box.....	7.25	9.60

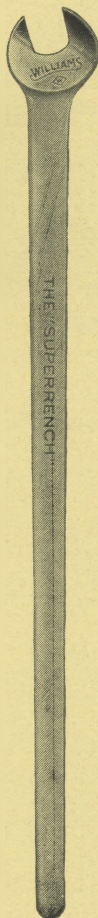
All auto mechanics will want these extra long (12½") Tappet Wrenches for convenient reach over hot manifolds. Slender and light for easy adjustment, with narrow jaws for close places. The range of openings — 3/8 to 5/8" — provides comprehensive service for practically every make of car, including late models. Buy in SETS for handy use in pairs. Sold individually, also.

Drop-forged from Chrome-Alloy steel, heat-treated, cadmium-plated.

*New No.	Opengs. Milled; Tappet Sizes	List Price, Each	*New No.	Opengs. Milled; Tappet Sizes	List Price, Each
A100C	3/8	\$1.18	A100B	9/16	\$1.18
A100	7/16	1.18	A101	5/8	1.27
A100A	1/2	1.18			

*Old Nos. had prefix V.

Fully Guaranteed



WILLIAMS

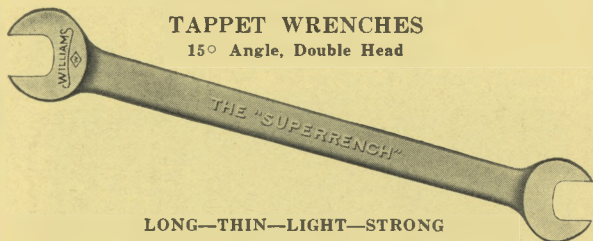
SUPERIOR DROP-FORGED TOOLS

"SUPERRENCH"

(Chrome-Molybdenum)

TAPPET WRENCHES

15° Angle, Double Head



LONG—THIN—LIGHT—STRONG

Different Opening in Each Head.

Specially designed for tappet adjustment. Though long and light, with thin heads and narrow jaws, they are astonishingly strong. Heat-treated, chrome-finished, heads buffed. For Sets, see following page.

Fully Guaranteed

No.	Openings and Tappet Sizes	Extreme Length, Approx.	Thick- ness Heads	LIST PRICE Each	No.
1090A	3/8 & 7/16	8	5/32	\$.76	1090A
1090B	13/32 & 1/2	8	5/32	.76	1090B
1090	7/16 & 1/2	8	5/32	.76	1090
1090C	7/16 & 9/16	8	5/32	.76	1090C
1090F	1/2 & 17/32	8	5/32	.76	1090F
1090D	1/2 & 9/16	8	5/32	.76	1090D
1090E	1/2 & 19/32	8	5/32	.76	1090E
1092B	1/2 & 11/16	8	3/16	.82	1092B
1092	9/16 & 5/8	8	3/16	.82	1092
1092C	9/16 & 21/32	8	3/16	.82	1092C
1092D	19/32 & 11/16	8	3/16	.82	1092D
1092F	5/8 & 11/16	8	3/16	.82	1092F
1094A	5/8 & 3/4	9	7/32	.88	1094A
1094B	19/32 & 25/32	9	7/32	.88	1094B
1094D	11/16 & 25/32	9	7/32	.88	1094D
1094F	11/16 & 7/8	9	7/32	.88	1094F
1094G	3/4 & 13/16	9	7/32	.88	1094G
1094	3/4 & 7/8	9	7/32	.88	1094
1096A	25/32 & 7/8	9	7/32	1.06	1096A
1096H	7/8 & 1-1/16	9	7/32	1.06	1096H
1096	15/16 & 1	9	7/32	1.06	1096

An attractive discount is given; see your jobber.

WILLIAMS

SUPERIOR DROP-FORGED TOOLS

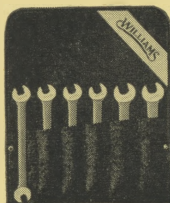
"SUPERRENCH"

(Chrome-Molybdenum)

TAPPET WRENCH SETS

15° Angle, Double Head

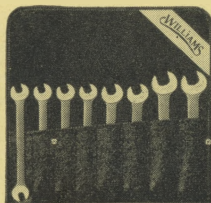
LIGHT — THIN — STRONG



SET No. 1032

List Price
In Leatherette Roll
\$5.25

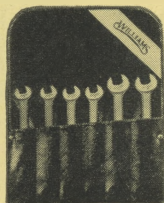
In Cardboard Box
\$4.70



SET No. 1042

List Price
In Leatherette Roll
\$7.30

In Cardboard Box
\$6.45



SET No. 1063

List Price
In Leatherette Roll
\$5.50

In Cardboard Box
\$4.90

These handy compact Sets of "Superrenches" provide easy and efficient tappet adjustment. The individual wrenches are fully described on previous page.

SET No. 1032. Six "Superrenches", 2 each of Nos. 1090, 1090D and 1092F, covering every tappet size from 7/16 to 11/16"; services 80% of all cars, buses and trucks.

SET No. 1042. Includes 8 "Superrenches", 2 each of Nos. 1090, 1090D, 1092F and 1094, and provides most comprehensive tappet service. Since it covers every tappet size from 7/16 to 7/8", it cares for practically all cars, buses and trucks. An ideal set for the automobile mechanic.

SET No. 1063. Six "Superrenches", 2 each of Nos. 1090D, 1092F and 1094, covering every tappet size from 1/2 to 7/8"; services 80% of all cars, buses and trucks.

Fully Guaranteed

An attractive discount is given; see your jobber.



MIDGET "SUPERRENCHES" (Chrome-Molybdenum)



Nos. 1106-1109

Nos. 1112-1132

Midget "Superrenches" are unusually thin and slim, but surprisingly tough and strong. On magnetos, generators, wiring-connections, carburetors, radios, all delicate adjustments and in the closest quarters, these wrenches are invaluable.

Made in two styles as follows:—

Nos. 1106 to 1109 have two different openings at 15° angle.

Nos. 1112 to 1132 have both openings in each wrench of the same size, *but at different angles (15° and 75°)—where one head cannot operate, the other will.*

Genuine "Superrenches," Chrome-Molybdenum steel, heat-treated, chrome-plated heads buffed.

Supplied individually and in handy Sets.

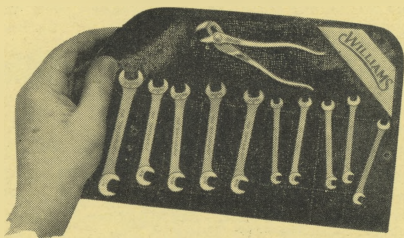
Fully Guaranteed

No.	Nominal Openings	Extreme Length	Thickness Heads	LIST PRICE	No.
15° ANGLE OPENING					
1106	13/64 & 7/32	3	3/32	\$.65	1106
1107	15/64 & 1/4				1107
1108	9/32 & 11/32	3-1/2	1/8	.72	1108
1108A	1/4 & 5/16				1108A
1109	5/16 & 3/8				1109
15 and 75° ANGLE OPENING					
1112	3/16 & 3/16	3	3/32	\$.65	1112
1113	13/64 & 13/64				1113
1114	7/32 & 7/32				1114
1115	15/64 & 15/64				1115
1116	1/4 & 1/4				1116
1118	9/32 & 9/32	3-3/4	1/8	.72	1118
1120	5/16 & 5/16				1120
1122	11/32 & 11/32				1122
1124	3/8 & 3/8				1124
1128	7/16 & 7/16	4-1/2	5/32	.82	1128
1132	1/2 & 1/2				1132

An attractive discount is given; see your jobber



MIDGET "SUPERRENCH" ELECTRICAL SETS SET No. 1140P



LIST PRICE

Complete—In Leatherette Roll

SET 1140P—with "Superplier" 1519.....**\$9.30**

SET 1140 —without "Superplier" **7.45**

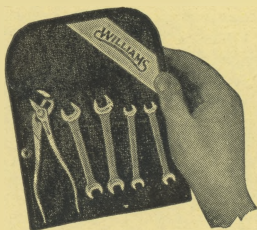
A handy assortment of 10 midget "Superrenches," Nos. 1112, 1113, 1114, 1115, 1116, 1118, 1120, 1122, 1124, 1128, and "Superplier" No. 1519 (page 60), at very moderate price. All are especially efficient on distributors, ignition systems, wiring, panels and switchboards, radios, carburetors and the innumerable jobs requiring small but strong tools with thin, slim jaws.

SET No. 1148P

LIST PRICE, \$5.15

Complete

In Leatherette Roll



A compact assortment of 4 midget "Superrenches," Nos. 1106, 1107, 1108, 1109 and "Superplier" 1519 (page 60), for those troublesome little jobs requiring small tools that are a *help*—not a hindrance.

An attractive discount is given; see your jobber.

WILLIAMS

SUPERIOR DROP-FORGED TOOLS

"SUPERRENCH"

(Chrome-Molybdenum)

CONSTRUCTION WRENCHES—15° Angle



Particularly serviceable on heavy automotive work requiring long leverage, such as Anchor Nuts, Bendix Brakes—Axle-shaft Nuts—Bumper Bolts and Nuts, Bus and Truck—Frame Members—King-bolts and Nuts—Springclip ("U" Bolt) Nuts—Spring-shackle Bolts and Nuts—Tire and Luggage-carrier Bolts and Nuts, Bus and Truck—etc., etc.

These wrenches also meet the needs of structural workers efficiently. The slim design provides ample strength and leverage without unnecessary weight and bulk. Substantial bearing on square nuts.

The long handle is round for the greater part of its length, with tapered end for easy insertion into bolt holes when bringing them into line.

Furnished heat-treated and finished in baked gray enamel all over.

Fully Guaranteed

No.	For U.S. Std. Nut; Size Bolt	S.A.E. Std. Nut & Cap Screw	American Standard Regular Nut; Size Bolt	Nominal Opening	Extreme Length, Approx.	LIST PRICE
1203A	.....	7/16	3/8	5/8	12	\$ 1.43
1203	3/8	.....	.....	11/16		
1205A	.....	.....	1/2	13/16	14 1/2	1.86
1205	1/2	9/16	9/16	7/8		
1206B	.....	11/16	5/8	1		
1207	5/8	3/4	.....	1 1/16	17	2.60
1207A	.....	.....	3/4	1 1/8		
1208	3/4	7/8	.....	1 1/4	19	3.50
1208A	.....	.....	7/8	1 5/16		
1209	7/8	1	.....	1 7/16	21	4.80
1209A	.....	.....	1	1 1/2		
1210	1	1 1/8	.....	1 5/8	23	6.80
1211	1 1/8	1 1/4	.....	1-13/16	25	10.00
1212	1 1/4	1 3/8	.....	2		

An attractive discount is given; see your jobber.

WILLIAMS

SUPERIOR DROP-FORGED TOOLS

"SUPERRENCH"

(Chrome-Molybdenum)

STRUCTURAL WRENCHES—Straight Opening



Made especially to meet the needs of structural workers; the slim design provides ample strength and leverage without unnecessary weight and bulk.

The long, narrow jaws provide substantially full bearing on square nuts. The round handle has tapered end for easy insertion into bolt holes when aligning same.

The abrupt offset and angle of handle provide for clearance of obstructions and safety to the operator's hands. The wrench is particularly well balanced. When thrust into scabbard or belt-loop, the "step-up" of the round above the flat part of handle acts as a stop, yet is readily released.

Furnished heat-treated and finished in baked gray enamel all over.

Fully Guaranteed

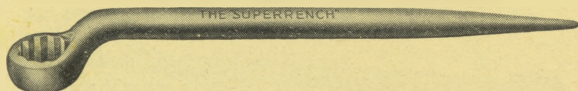
No.	For U.S. Std. Nut; Size Bolt	For American Standard Regular Nut	Nominal Opening	Extreme Length, Approx.	Thickness Head	Handle Offset		LIST PRICE
						At Head	At End	
1903A	.....	3/8	5/8	12	7/16	3/4	1-11/16	\$1.68
1903	3/8	.....	*11/16					
1905A	.....	1/2	13/16	14-1/2	17/32	7/8	1-7/8	2.25
1905	1/2	9/16	*7/8					
1906	.....	5/8	1	14-1/2	17/32	7/8	1-7/8	2.25
1907	5/8	.....	*1-1/16					
1907A	.....	3/4	1-1/8	17	5/8	1	2-3/8	3.15
1908	3/4	.....	*1-1/4					
1908A	.....	7/8	1-5/16	19	11/16	1-1/8	2-3/4	4.25
1909	7/8	.....	*1-7/16					
1909	.....	1	1-1/2	21	3/4	1-1/4	3-1/16	5.85
1910	1	.....	*1-5/8					
1910	.....	1-1/8	1-11/16	23	13/16	1-7/16	3-3/8	8.10
1911	1-1/8	.....	*1-13/16					
1911	.....	1-1/4	1-7/8	25	7/8	1-5/8	3-11/16	12.25
1912	1-1/4	.....	*2					
1912	.....	.....	.....	25	7/8	1-5/8	3-11/16	12.25

*Based on U. S. S. Nut formula. Actual openings are 1/32 to 1/16" larger for proper clearance on rough nuts and bolts.

An attractive discount is given; see your jobber.



12-POINT BOX "SUPERRENCHES"—Chrome-Alloy STRUCTURAL BOX PATTERN

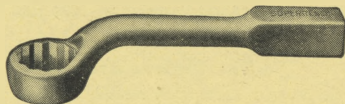


Designed for greater safety in structural work, the 12-point offset head gives maximum clearance and insures a firm hold on nut. Long tapered handle provides ample leverage and can be inserted into bolt holes for alignment. Heat-treated and finished in baked gray enamel.

No.	For U.S. Std. Nut; Size Bolt	Nomi- nal Open- ings	Ex- treme Length, Approx.	Head		Handle Offset		Price Each
				Thick- ness	Outside Diam.	At Head	At End	
8909	7/8	1- 7/16	21	1	2- 3/8	1 1/2	2 3/4	\$4.40
8910	1	1- 5/8	22	1-1/16	2- 5/8	1 5/8	2 7/8	5.15
8911	1-1/8	1-13/16	23	1-1/8	2-29/32	1 11/16	3	5.50
8912	1-1/4	2	24-1/2	1-1/4	3- 5/32	1 13/16	3 5/32	5.85
8913	1-3/8	2- 3/16	26	1-3/8	3-15/32	2	3 1/2	7.65
8914	1-1/2	2- 3/8	28	1-1/2	3-23/32	2 1/8	3 11/16	8.65

NOTE: Heads can be bent up to 90° right or left at handle at extra cost.

STRIKING FACE BOX—OFFSET PATTERN



For heavy work in close quarters where large nuts must be set up tight, or frozen nuts loosened. Offset head gives ample nut clearance. Heat-treated to withstand shock. Finished in baked gray enamel.

No.	For U.S. Std. Nut; Size Bolt	For S.A.E. Std. Nut; Size Bolt	For Amer. Std. REGULAR Nut; Size Bolt	Nomi- nal Open- ings	Ex- treme Length	Head, Outside Diam.	Price Each
8807	5/8	3/4	.....	1- 1/16	10-1/2	1-27/32	\$4.75
8807A	.....	.....	3/4	1- 1/8	10-1/2	1-27/32	4.75
8808	3/4	7/8	.....	1- 1/4	11	2- 3/32	5.00
8808A	.....	.....	7/8	1- 5/16	11	2- 3/32	5.00
8809	7/8	1	.....	1- 7/16	11-1/2	2- 3/8	6.10
8809A	.....	.....	1	1- 1/2	11-1/2	2- 3/8	6.10
8810	1	1-1/8	.....	1- 5/8	12	2- 5/8	6.85
8810A	.....	.....	1-1/8	1-11/16	12	2- 5/8	6.85
8811	1-1/8	1-1/4	.....	1-13/16	12-1/2	2-29/32	7.15
8811A	.....	.....	1-1/4	1- 7/8	12-1/2	2-29/32	7.15
8812	1-1/4	1-3/8	.....	2	13	3- 5/32	7.50
8813	1-3/8	1-1/2	.....	2- 3/16	13-1/2	3-15/32	9.35
8813A	.....	.....	1-1/2	2- 1/4	13-1/2	3-15/32	9.35
8814	1-1/2	.....	.....	2- 3/8	14	3-23/32	10.35
8815	1-5/8	.....	.....	2- 9/16	14-1/2	3-29/32	11.50
8815A	.....	.....	1-3/4	2- 5/8	14-1/2	3-29/32	11.50
8816	1-3/4	.....	.....	2- 3/4	15	4- 5/32	12.75

An attractive discount is given; see your jobber.

WILLIAMS

SUPERIOR DROP-FORGED TOOLS

"SUPERRENCH"

(Chrome-Molybdenum)

GENERAL SERVICE WRENCHES



Due to the use of Chrome-Molybdenum steel, these "Superrenches" provide a great increase in strength and toughness over the carbon steel wrench of corresponding size. They are long, light and efficient.

Furnished heat-treated, Chrome-Finished, heads bright.

Fully Guaranteed

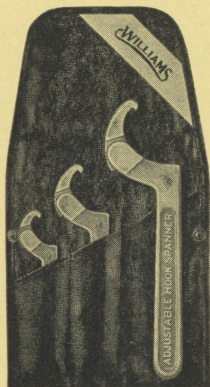
No.	U. S. Std. Nuts; Size Bolts	Hex. Head Cap Screws; Diam. Screws	S.A.E. Std. Nuts and Cap Screws; Size Bolts	Amer. Std. Nuts, Regular and Jam	Nominal Open- ing	List Price Each
1075B	$\frac{3}{16}$ & $\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{7}{16}$	\$.93
1075A	$\frac{1}{4}$	$\frac{3}{16}$ & $\frac{5}{16}$	$\frac{5}{16}$	.....	$\frac{1}{2}$
1075	$\frac{5}{16}$ & $\frac{1}{4}$	$\frac{5}{16}$	$\frac{5}{16}$	.....	$\frac{1}{2}$
1077S	$\frac{1}{4}$	$\frac{1}{4}$ & $\frac{5}{16}$	$\frac{1}{4}$ & $\frac{5}{16}$	$\frac{1}{4}$	$\frac{7}{16}$ & $\frac{1}{2}$	
1077C	$\frac{1}{4}$ & $\frac{3}{8}$	$\frac{1}{4}$ & $\frac{3}{8}$	$\frac{1}{4}$ & $\frac{5}{16}$	$\frac{7}{16}$ & $\frac{9}{16}$	1.18
1077E	.....	$\frac{1}{4}$ & $\frac{7}{16}$	$\frac{1}{4}$ & $\frac{7}{16}$	$\frac{1}{4}$ & $\frac{3}{8}$	$\frac{7}{16}$ & $\frac{9}{16}$
1077B	$\frac{1}{4}$	$\frac{5}{16}$ & $\frac{3}{8}$	$\frac{5}{16}$ & $\frac{3}{8}$	$\frac{5}{16}$	$\frac{1}{2}$ & $\frac{9}{16}$	
1077	$\frac{1}{4}$	$\frac{5}{16}$ & $\frac{7}{16}$	$\frac{5}{16}$ & $\frac{7}{16}$	$\frac{3}{8}$	$\frac{1}{2}$ & $\frac{5}{8}$	
1079B	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{3}{8}$	$\frac{5}{16}$	$\frac{9}{16}$ & $\frac{19}{32}$	1.45
1079S	.....	$\frac{3}{8}$ & $\frac{7}{16}$	$\frac{3}{8}$ & $\frac{7}{16}$	$\frac{5}{16}$ & $\frac{3}{8}$	$\frac{9}{16}$ & $\frac{5}{8}$
1079A	$\frac{3}{8}$	$\frac{3}{8}$	$\frac{3}{8}$	$\frac{5}{16}$	$\frac{9}{16}$ & $\frac{11}{16}$	
1079E	.....	$\frac{3}{8}$ & $\frac{1}{2}$	$\frac{3}{8}$ & $\frac{1}{2}$	$\frac{5}{16}$ & $\frac{7}{16}$	$\frac{9}{16}$ & $\frac{3}{4}$
1079	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{7}{16}$	$\frac{3}{8}$	$\frac{5}{8}$ & $\frac{11}{16}$	1.75
1079C	.....	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{3}{8}$ & $\frac{7}{16}$	$\frac{5}{8}$ & $\frac{3}{4}$
1081H	.....	$\frac{7}{16}$ & $\frac{9}{16}$	$\frac{7}{16}$	$\frac{3}{8}$ & $\frac{1}{2}$	$\frac{5}{8}$ & $\frac{13}{16}$
1081	$\frac{3}{8}$	.....	.....	.....	$\frac{11}{16}$ & $\frac{3}{4}$
1081B	$\frac{1}{2}$ & $\frac{9}{16}$	$\frac{1}{2}$	$\frac{7}{16}$ & $\frac{1}{2}$	$\frac{3}{4}$ & $\frac{13}{16}$	2.30
1081A	$\frac{1}{2}$	$\frac{1}{2}$ & $\frac{5}{8}$	$\frac{1}{2}$ & $\frac{9}{16}$	$\frac{7}{16}$ & $\frac{9}{16}$	$\frac{3}{4}$ & $\frac{7}{8}$	
1083K	.....	$\frac{9}{16}$ & $\frac{5}{8}$	$\frac{9}{16}$	$\frac{1}{2}$ & $\frac{9}{16}$	$\frac{13}{16}$ & $\frac{5}{8}$
1083J	.....	$\frac{9}{16}$ & $\frac{3}{4}$	$\frac{11}{16}$	$\frac{1}{2}$ & $\frac{5}{8}$	$\frac{13}{16}$ & $\frac{1}{1}$
1083	$\frac{5}{8}$	$\frac{27}{32}$ & $\frac{15}{16}$	3.30
1083B	$\frac{1}{2}$	$\frac{5}{8}$ & $\frac{3}{4}$	$\frac{9}{16}$ & $\frac{11}{16}$	$\frac{9}{16}$ & $\frac{5}{8}$	$\frac{7}{8}$ & $\frac{1}{1}$	
1083A	.....	$\frac{3}{4}$	$\frac{5}{8}$ & $\frac{11}{16}$	$\frac{5}{8}$	$\frac{15}{16}$ & $\frac{1}{1}$
1085H	.....	$\frac{5}{8}$ & $\frac{7}{8}$	$\frac{9}{16}$	$\frac{9}{16}$ & $\frac{3}{4}$	$\frac{7}{8}$ & $\frac{11}{8}$
1085	$\frac{3}{4}$ & $\frac{7}{8}$	$\frac{11}{16}$	$\frac{5}{8}$ & $\frac{3}{4}$	$\frac{1}{1}$ & $\frac{11}{8}$	3.30
1085J	.....	$\frac{3}{4}$	$\frac{11}{16}$	$\frac{5}{8}$ & $\frac{7}{8}$	$\frac{1}{1}$ & $\frac{5}{16}$
1085C	$\frac{5}{8}$ & $\frac{3}{4}$	.....	$\frac{3}{4}$ & $\frac{7}{8}$	.....	$\frac{11}{16}$ & $\frac{1}{4}$
1085B	$\frac{3}{4}$	$\frac{7}{8}$	$\frac{7}{8}$	$\frac{3}{4}$ & $\frac{7}{8}$	$\frac{11}{8}$ & $\frac{11}{4}$	
1085K	$\frac{7}{8}$ & $\frac{1}{1}$	$\frac{1}{1}$ & $\frac{5}{16}$	

An attractive discount is given; see your jobber.

WILLIAMS

SUPERIOR DROP-FORGED TOOLS
"SUPERRENCH"
 (Chrome-Molybdenum)

ADJUSTABLE HOOK SPANNER SET No. 1400



This Set covers a wide field of usefulness and is especially serviceable in adjustments to—

Exhaust Manifold Gland Nuts,
 Differential Pinion Gear, Rear Axle Shaft Bearings
 Rear Wheel Bearings, Water-Pump Packing Nuts, etc.

Three sizes of Spanners offer an unusual combination of strength and ready adjustment, fitting all rounds from $\frac{3}{4}$ to $4\frac{3}{4}$ " diameter.

Drop-forged from Chrome-Molybdenum steel, heat-treated and Chrome-plated, face of jaw and raised part of handle buffed bright.

No.	Capacity for Circles, Diameter	Extreme Length, Approx.	Thickness		Depth Hook	LIST PRICE Each
			Handle	Hook		
1471	$\frac{3}{4}$ to 2	6-3/8	1/4	11/32	1/8	\$3.05
1472	1-1/4 to 3	8-1/8	9/32	13/32	5/32	3.50
1474	2 to 4-3/4	11-3/8	5/16	15/32	3/16	4.85
No. 1400 Set—In Leatherette Roll						12.10

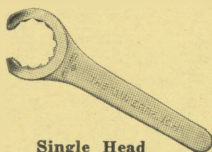
An attractive discount is given; see your jobber.

WILLIAMS' "SUPERRENCH"

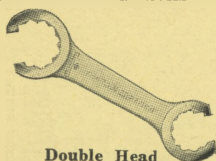
(Chrome-Molybdenum)

OPEN-BOX PATTERN

For Refrigeration Service and
Water Pumps on Cars, Buses and Trucks



Single Head



Double Head

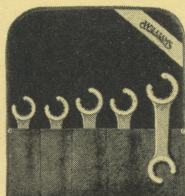
SET No. 8960
Double Head Pattern

LIST PRICE, \$9.35

In Leatherette Roll

5 "Superrenches"

10 Different Openings



For garages and service stations. One each
Nos. 8960, 8960B, 8962, 8962D and 8966
cover practically all cars and trucks.

Thin heads and narrow jaws permit easy operation in close corners. 12-point openings turn nuts readily where the "Superrench" can be swung only 30°. Their gripping power is more than double that of ordinary wrenches—will not slip.

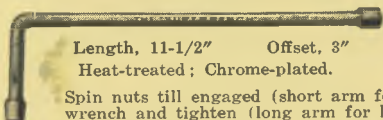
Especially efficient on Refrigerator Flared Nuts.
Heat-treated, chrome-plated heads buffed bright.

Fully Guaranteed

No.	Nominal Opening	Thick. Head	List Price	No.	Nominal Opening	Thick. Head	List Price
SINGLE HEAD PATTERN							
8924	3/4	1/4	\$1.15	8938	1-3/16	9/32	\$1.40
8928	7/8	1/4	1.15	8940	1-1/4	9/32	1.40
8930	15/16	1/4	1.15	8942	1-5/16	9/32	1.40
				8944	1-3/8	9/32	1.40
8932	1	1/4	1.15	8946	1-7/16	5/16	1.40
8933	1-1/32	1/4	1.15	8948	1-1/2	5/16	1.40
8934	1-1/16	1/4	1.15	8950	1-9/16	5/16	1.40
8936	1-1/8	1/4	1.15	8952	1-5/8	5/16	1.40
DOUBLE HEAD PATTERN							
8960	3/4—1-1/32	1/4	1.40	8962	1 —1-3/16	9/32	1.95
8960B	7/8—1-1/8	1/4	1.40	8962D	1-1/16—1-1/4	9/32	1.95
				8966	1-5/16—1-1/2	5/16	1.95

An attractive discount is given; see your jobber.

WILLIAMS' "SUPERRENCHES" (Chrome-Molybdenum — Chrome Plated) FOR FORD CARS AND TRUCKS



Length, 11-1/2" Offset, 3"
Heat-treated; Chrome-plated.

Nos. S-231 and
1981-A

For ALL Ford "V8"
Connecting Rods

Spin nuts till engaged (short arm for lever); reverse
wrench and tighten (long arm for lever).

No. S-231 — List Price, \$2.00. Hex Openings 7/16 & 7/16.
Services Ford V-8, 60 HP, 1937-'40.

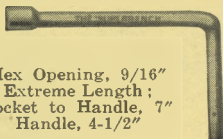
No. 1981-A — List Price, \$2.15. Hex Openings 9/16 & 9/16.
Services ALL Ford "6"; V-8, 85 HP, and Mercury. Also serv-
ices battery ground strap nut all Ford V-8 85 HP, 1935-'36.

No. SV-238

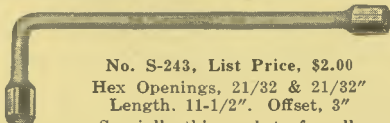
List Price, \$1.50

For All Ford "V-8", 1937
Battery Clamp Nuts

This thin-wall socket wrench
avoids damage to battery casing.



Hex Opening, 9/16"
Extreme Length;
Socket to Handle, 7"
Handle, 4-1/2"

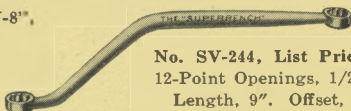


No. S-243, List Price, \$2.00
Hex Openings, 21/32 & 21/32"
Length, 11-1/2". Offset, 3"

For Ford
"V-8" 60 H. P.
Motor, 1937-'40
Main Bearings

Specially thin sockets for all main bearing screws.

For All Ford "V-8",
1937 to 1942
Distributors



No. SV-244, List Price, \$1.75
12-Point Openings, 1/2 & 1/2"
Length, 9". Offset, 2-1/4"

Specially offset to clear fan-belt. A big time-saver in servicing
distributors on all Ford "6"; "V-8," 1937-'42; Mercury; Lincoln
Zephyr, 1937-'42.

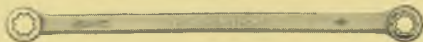
No. 1966 — For Ford Crankcase Drain Plug



List Price, \$2.00
Opening, 2". Length, 11"

Required for ALL 1939-'42 Ford V-8 and Mercury cars.

No.
1984X



List Price, \$2.05

For
Ford
Brakes

8-pt. Openings, 7/16 and 1/2"—Length 11-1/4"

The only Wrench required for adjusting brakes on Ford "A,"
"B," ALL V-8, 1932-'38 cars; also "AA" and V-8 trucks.

No. 1956 — List \$3.00. "L" Socket Wrench; 12-pt. opening 3/4",
length 11". For Rear Main Bearing, Ford "A" cars and trucks.

WILLIAMS' "SUPERRENCHES"

(Chrome-Alloy—Chrome Plated)

FOR MAIN BEARINGS



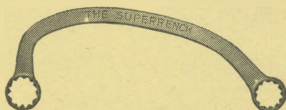
List Price—\$3.15

Offset to clear obstructions. Length, 15".

No. 1955—12-Point Openings $5/8$ & $3/4$ "
Services all Chevrolet, 1931-'32-'39 and '40 models.

FOR STARTER AND MANIFOLD

No. 1960



List
Price
\$1.55

12-Point Openings, $9/16$ & $5/8$ "—Length, 7"

For starter and manifold nuts, ALL models Chrysler and Dodge; all models DeSoto and Plymouth thru 1940.

No. 1961



List
Price
\$1.55

12-Point Openings, $5/8$ & $3/4$ "—Length, $7\frac{1}{2}$ "

For starter nuts, ALL Chevrolet 1930 to '42.

FORD CRANK RATCHET SOCKETS

(Chrome-Alloy—Cadmium Plated)

For ALL Ford Cars and Trucks 1928-'42

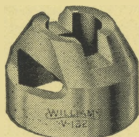
Services lower fan-pulley nut, necessary in dropping oil pan, without removing radiator. For use with regular Ford starting crank.

No. S-239—List Price, \$1.80

Opening $1\frac{1}{8}$ " Hex—Services Ford "6"; V-8 60 HP, 1937-'40; V-8, 1942 and Mercury.

No. V-132—Opening $1\frac{3}{8}$ " Hex.—List Price, \$2.00

Services all Ford cars and trucks 1928-'36; V-8 85 HP Motors, 1937-'41. Cut away for clearance.



Fully Guaranteed

An attractive discount is given; see your jobber.

WILLIAMS' "SUPERRENCHES"
(Chrome-Molybdenum)
FOR AUTOMOTIVE BRAKE SERVICE
For Eccentric Adjustments



Nos. 1096H, 1983

For Eccentric Cam, Lockheed Hydraulic and Bendix mechanical brakes.

No.	Openings	Length	Thick. Hds.	List Price
1983	3/16 & 1/4	9	1/4	\$2.10
1096H	7/8 & 1-1/16	9	7/32	1.06

For Star Nut, Etc.—Bendix Hydraulic

**No.
1998B**



**List
Price
\$1.15**

Length 7 1/2". Blade Tips, 5/64 x 15/32"

Specially offset to service Star Nut Eccentric, all Bendix Hydraulic.

For Eccentric Screw & Lock Nut; Hydraulic

No. 1163



**List
Price
\$1.40**

Opengs. 9/16 & 9/16". Lgth. 6-3/4"

For Eccentric Screw and Lock Nut, hydraulic brakes on many late model cars.

For Eccentric Cam—Bendix

No. 1721BR



**List Price
\$.75**

Openings 5/16-3/16 & 1/4". Length 4-1/4"

For Eccentric Cam, Bendix Mechanical. Also Eccentric Car rear brake-shoes, Packard 120, 1937-'39.

For Ford Brakes—Mechanical

**No.
1984X**



**List
Price
\$2.05**

8-Pt. Openings, 7/16 & 1/2". Length, 11-1/4"

The only Wrench required for "A", "B", and ALL V-8 1932-'38 cars; also "AA" and ALL V-8, 1932-'38 trucks.

An attractive discount is given; see your jobber.

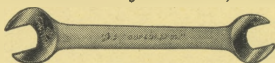
WILLIAMS' "SUPERRENCHES"

(Chrome-Molybdenum)

FOR AUTOMOTIVE BRAKE SERVICE

For Main Adjustment; Huck

No.
1025A

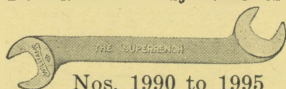


List
Price
\$.82

Openings $7/16$ & $5/8$ ". Lgth. 6", Thick. $1/4$ "

For most Huck brakes, including Chevrolet 1933 to '36, Pontiac 1933. Also for nuts and bolts along brake assembly, pedal and equalizer rods, etc., of all mechanical brakes.

For General Adjustments



Nos. 1990 to 1995

For Lock Nuts, Band Adjustment Nuts, Pedal, Equalizer and Rod adjustments, etc., along the various brake set-ups.

No.	Openings	Length	Thick. Hds.	List
1990B	$7/16$ & $1/2$	6- $1/4$	$7/32$	\$1.65
1990C	$1/2$ & $1/2$	6- $1/4$	$7/32$	1.65
1990A	$9/16$ & $9/16$	6- $1/4$	$7/32$	1.65
1990	$5/8$ & $5/8$	6- $1/4$	$7/32$	1.65
1992	$11/16$ & $13/16$	8	$1/4$	1.95
1992A	$3/4$ & $3/4$	8	$1/4$	1.95
1995	$3/4$ & $7/8$	9	$1/4$	2.25

For Slotted Anchor Pins, Etc.

No. 1997



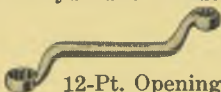
List
Price
\$1.30

Length 7". Brake Tips, $1/16$ x $13/32$ "

For slotted anchor pins, drag links, steering post and other jobs where regular screw drivers cannot be used. Also excellent as a glazier's tool.

For ALL Hydraulic Bleeder Valves

No. 9723



No.
9725B

12-Pt. Openings

9723	Opengs. $3/8$ & $7/16$	Lgth. 4- $1/2$ "	List Price	\$.95
9725B	" $1/2$ & $9/16$	" 5- $1/2$ "	"	1.00

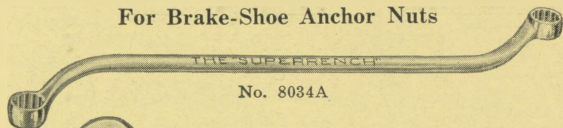
An attractive discount is given; see your jobber.

WILLIAMS' "SUPERRENCHES"

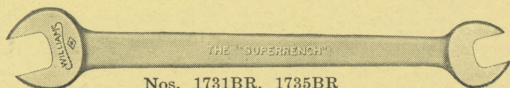
(Chrome-Molybdenum)

FOR AUTOMOTIVE BRAKE SERVICE

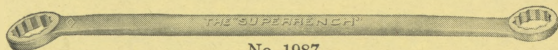
For Brake-Shoe Anchor Nuts



No. 8034A



Nos. 1731BR, 1735BR



No. 1987

Nos. 1731BR, 1735BR for Bendix and other mechanical brakes; lighter cars 1731BR, heavy cars and trucks 1735BR.

No. 1987 services many heavy trucks.

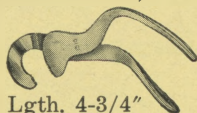
No. 8034A for Bendix mechanical, Bendix hydraulic and Lockheed hydraulic.

No.	Nominal Openings	Length	Thick. Hds.	List
1731BR	3/4 & 7/8	15	3/8	\$4.30
1735BR	1 & 1-1/8	16	1/2	5.75
*1987	1- 1/2 & 1-5/8	22	3/8	6.70
*8034A	15/16 & 1-1/16	14-1/2	5/8	2.95

* Have 12-point openings.

For Adjustment Nut; Steeldraulic

No. 1516

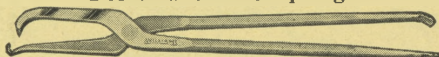


Lgth. 4-3/4"

List
Price
\$2.15

Especially designed to grip Adjustment Nuts on all Steeldraulic "T" (not channel) section Shoes, 1930 to '36. Operates through adjusting hole in brake drum. Handles bent to clear rear spring.

For Brake-Shoe Springs

No.
1517

List
Price
\$2.70

For inserting and removing springs (internal), ALL cars excepting Ford "A". Length, 13".

An attractive discount is given; see your jobber.

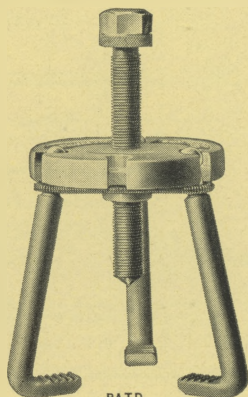
WILLIAMS'

REFRIGERATION SERVICE TOOLS

WHEEL PULLER No. 5

This Williams' Wheel Puller is a simple efficient tool developed for the many pulling jobs in Refrigeration Service, such as flywheels, fans and pulleys. It can also be used for many pulling jobs on electric motors, etc.

The body, forged from high tensile steel, has four sockets into which either two or all three of the arms may be placed in various positions, providing a combination of grips. Flywheels with even or odd numbers of spokes are pulled with equal ease. All three arms are necessary for odd-spoked wheels, while only two are needed for an even number of spokes. The pulling capacity is 7" diameter.



PATD.

*List Price
Complete—\$12.25

Easily adjusted arms, processed from alloy steel, are held in place by an endless spring. They are instantly reversible by merely turning the arm in the socket for either internal or external pulling. This feature eliminates the necessity of removing or repositioning the arms.

The hex head of the power screw, on which any convenient wrench can be used, has a knurled band to facilitate rapid hand turning. Its cone point fits into the center-hole of the shaft end.

No.	Capacity	Body Diam.	Length Arms	*List Prices, Puller and Parts			
				Arm ea.	Screw	Spring	Complete
5	7	3-1/4	4-1/4	\$2.25	\$3.20	\$.65	\$12.25

Fully Guaranteed

*An attractive discount is given; see your jobber.

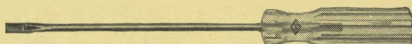
WILLIAMS' AUTOMOTIVE SCREW DRIVERS



Regular Nos. 4 to 12



Regular Nos. 24 to 32



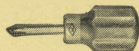
Electricians' Nos. 43 to 50



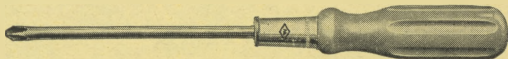
Regular Stubby
No. 62



Pocket No. 52



Phillips Stubby
No. WP-62



Phillips Nos. WP-1 to WP-4

Williams' Regular, Electricians', Pocket and Stubby (adjusting) Screw Drivers are all fitted with handles of a tough transparent composition, an insulator of electricity. Fluted for sure, comfortable grip. The blades, hardened and tempered, are solidly anchored in the handles.

Regular patterns are available with either square or round blades. Electricians' have round blades and the Stubby a square blade. The Pocket has round blade and is fitted with pocket clip, as illustrated.

FOR PHILLIPS RECESSED-HEAD SCREWS

Williams' Screw Drivers, Nos. WP-1 to WP-4, will fit the entire range of Phillips recessed-head screws. These, and the Phillips Stubby (adjusting) Screw Driver, have round chrome-alloy blades, hardened and tempered, that are securely anchored in superior hard wood, fluted handles.

All Screw Drivers packed 6 in cardboard box, excepting No. 52, 12 per box.

Continued next page

An attractive discount is given; see your jobber.

WILLIAMS'

AUTOMOTIVE SCREW DRIVERS

(Continued)

REGULAR — SQUARE BLADE — COMPOSITION HANDLE

No.	Blade Length	Stock Size	Tip Width	List Price
4	4	1/4	5/16	\$1.05
6	6	5/16	5/16	1.40
6B	6	3/8	3/8	1.55
8	8	3/8	3/8	1.75
12	12	3/8	3/8	2.10

REGULAR — ROUND BLADE — COMPOSITION HANDLE

24	4	1/4	1/4	\$.95
26	6	5/16	5/16	1.30
28	8	3/8	3/8	1.60
32	12	3/8	3/8	1.95

ELECTRICIANS—ROUND BLADE—COMPOSITION HANDLE

43	3	3/16	3/16	\$.75
46	6	3/16	3/16	.95
50	10	3/16	3/16	1.10

POCKET (With Clip) — COMPOSITION HANDLE

52	2-1/4	1/8	1/8	.32
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REGULAR STUBBY (Adjusting) — COMPOSITION HANDLE

62	1-1/2	1/4	5/16	.65
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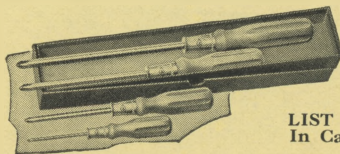
PHILLIPS — WOOD HANDLE

No.	Fits Screws No.	Blade Length	Stock Size	List Price
WP-1	4 and smaller	3	9/64	\$.60
WP-2	5 to 9 incl.	4	1/4	.65
WP-3	10 to 16 incl.	6	5/16	.75
WP-4	18 and larger	8	3/8	.95

PHILLIPS STUBBY (Adjusting) — WOOD HANDLE

WP-62	5 to 9 incl.	1-1/2	1/4	.55
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PHILLIPS SCREW DRIVER SET No. WP-14



LIST PRICE, \$2.95
In Cardboard Box

This set of four Phillips Screw Drivers consists of one each of Numbers WP-1, WP-2, WP-3, and WP-4, packed in a cardboard box. This combination covers the entire range of Phillips Screws. Their round, chrome-alloy blades, hardened and tempered, are securely anchored in superior hard wood fluted handles.

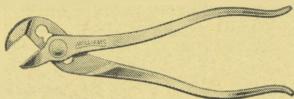
Hammer Head Screw Driver 1997, see page 55

An attractive discount is given; see your jobber.

WILLIAMS'

"SUPERPLIERS"—SLIP JOINT

(*Chrome-Alloy*)

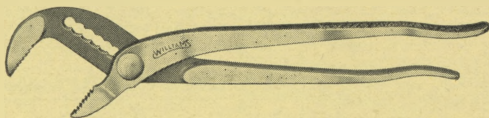


No. 1519

List Price \$1.85

No. 1519, midget size (4-1/2" long), is especially designed for use in connection with distributors, ignition systems, wiring, panels, switchboards, radios and carburetors.

The 4-position slip-joint provides openings up to 9/16", with the jaws parallel at the most important openings. The slightly flared ends of the handles give ideal finger control. Cadmium plated.

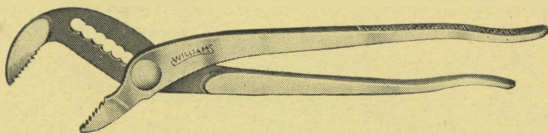


No. 1520

List Price \$2.20

No. 1520, length 9-1/2", is particularly serviceable in adjusting packing-gland nuts on practically all cars, trucks, tractors and the smaller industrial engines. 8-position, slip-joint. Since the jaws close entirely, they grip any thickness up to their capacity — 2 inches.

The knurled handles provide a firm hand grip, even if greasy. Gray satin finish, faces polished.



No. 1521

List Price \$4.45

No. 1521, length 10", is particularly useful in the electrical and plumbing trades. Seven adjustment notches provide a range of openings from 0" to 2". Handles are knurled. Gray satin finish, faces polished.

Fully Guaranteed

An attractive discount is given; see your jobber

WILLIAMS' AUTOMOTIVE PLIERS



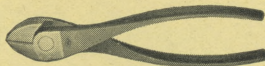
Nos. 5 to 10



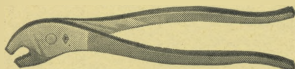
No. 46



No. 36



No. 57



No. 68



No. 76

COMBINATION PLIERS

This line of Combination Pliers, with 2-position slip-joint, is very efficient for general service. All are sturdy, well-designed tools. Drop-forged from special steel, with knurled handles: polished nickel-finish. No. 36 has durable side-cutting jaws.

DIAGONAL-CUTTING PLIERS

These rugged tools are drop-forged from special, tough steel; cutting-edge is made for lasting service. No. 46 has knurled handles; full polished finish. No. 57 has broader and more powerful jaws for heavy duty; head polished.

BATTERY PLIER

Thin but strong, with tapered jaws set at an angle of 30° for convenient use and positive grip. Nickel-plated; head polished.

NEEDLE NOSE SIDE-CUTTING PLIERS

Long thin nose for close quarters, with durable side-cutting jaws. Knurled handles blued; head polished bright.

COMBINATION — SLIP JOINT

REGULAR			SIDE-CUTTING		
No.	Length	List Price	No.	Length	List Price
5	5	\$.65			
6	6	.70			
8	8	.90	36	6	\$.90
10	10	1.25			

DIAGONAL CUTTING

REGULAR			HEAVY DUTY		
46	6	\$1.25	57	7	\$2.30

BATTERY PLIER

No.	Length	List Price
68	8	\$1.45

NEEDLE NOSE SIDE-CUTTING

76	6	\$2.40
77	7	2.70

An attractive discount is given; see your jobber.

WILLIAMS' AUTOMOTIVE PUNCHES



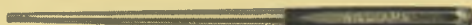
Pin
Nos. P-4 to P-8

Solid
Nos. P-13, P-14



Prick, No. P-30

Center, No. P-40



Long Taper, Nos. P-25, P-26

Williams' Punches are forged from high grade octagon alloy steel, properly hardened and tempered to stand up under the most severe service. Body finished black; taper and head full polished.

No.	Point Diam.	Stock Size	Length	List Price
PIN PUNCHES				
P-4	1/8	3/8	6	\$.54
P-6	3/16	1/2	6	.62
P-8	1/4	5/8	8	.77
SOLID PUNCHES				
P-13	3/32	1/2	6	.62
P-14	1/8	1/2	8	.77
LONG TAPER PUNCHES				
P-25	5/32	3/8	9	.75
P-26	3/16	1/2	10	.85
PRICK PUNCH				
P-30		3/8	5	.45
CENTER PUNCH				
P-40		3/8	5	.45

Fully Guaranteed

An attractive discount is given; see your jobber

WILLIAMS'

AUTOMOTIVE CHISELS

NOTICE

Government Regulations and WPB Order L-216 make it impossible to supply some of our regular cataloged items. Critical metal shortages make substitutions in finishes and materials necessary without regard to catalog descriptions. See your distributor for specific information.

C-12	1/4	1/4	4-3/4	\$.54
C-12	3/8	3/8	5-1/2	.62
C-16	1/2	1/2	6	.73
C-20	5/8	5/8	6-1/2	.85
C-24	3/4	3/4	7	1.05
C-36	1-1/8	1	8	1.65

RIVET BUSTER

C-422	11/16	3/4	12	1.65
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Fully Guaranteed

An attractive discount is given; see your jobber

WILLIAMS' AUTOMOTIVE PUNCHES



Pin
Nos. P-4 to P-8

NOTICE

Government Regulations and WPB Order L-216 make it impossible to supply some of our regular cataloged items. Critical metal shortages make substitutions in finishes and materials necessary without regard to catalog descriptions. See your distributor for specific information.

P-25	5/32	3/8	9	.75
P-26	3/16	1/2	10	.85

PRICK PUNCH

P-30		3/8	5	.45
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CENTER PUNCH

P-40		3/8	5	.45
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Fully Guaranteed

An attractive discount is given; see your jobber

WILLIAMS'

AUTOMOTIVE CHISELS



Cold, Nos. C-8 to C-36



Rivet Buster, No. C-422

COLD, or FLAT PATTERN

Williams' Chisels are made from high grade octagon alloy steel noted for its fine cutting qualities and durability; carefully forged, hardened and tempered. Amply hard for work on tempered material, yet soft enough to minimize chipping and to permit re-sharpening with a file. Body finished in black with full polished bit and head.

RIVET BUSTER

Designed especially for cutting off hardened rivet heads, this tool is particularly useful in dismantling old cars. It is a great time saver when used for this purpose, instead of the ordinary cold chisel.

No.	Width of Cut	Stock Size	Length	List Price
COLD, or FLAT CHISELS				
C-8	1/4	1/4	4-3/4	\$.54
C-12	3/8	3/8	5-1/2	.62
C-16	1/2	1/2	6	.73
C-20	5/8	5/8	6-1/2	.85
C-24	3/4	3/4	7	1.05
C-36	1-1/8	1	8	1.65
RIVET BUSTER				
C-422	11/16	3/4	12	1.65

Fully Guaranteed

An attractive discount is given; see your jobber

WILLIAMS

"SUPERJUSTABLE" WRENCHES (Chrome-Alloy)



Williams' "Superjustable" Wrenches, with thin, tapered jaws, are drop-forged from the finest grade of Chrome-Alloy Steel obtainable for the purpose. "Superjustables" are thinner and lighter, yet stronger and tougher than ordinary carbon steel adjustable wrenches. They are second to none in appearance, strength and durability.

Furnished chrome-plated; head highly polished; shank "satin" finish; in individual cardboard box.

Also, Carbon Steel Adjustable Wrenches in natural polished steel finish; see table. Semi-Finished, gray with bright heads, at lower prices.

Fully Guaranteed

Size, Inch.	List Price, Each	Capacity	Thickness Head		Extra Parts—List Price, Ea.			
			Tip of Jaws	Ex- treme	Jaw	Knurl	Pin	Spring
"SUPERJUSTABLE"—Alloy Steel								
4	\$1.30	1/2	9/64	5/16	\$.44	\$.18	\$.06	\$.06
6	1.30	3/4	7/32	3/8	.44	.18	.06	.06
8	1.60	15/16	17/64	1/2	.56	.21	.06	.06
10	2.05	1- 1/8	23/64	19/32	.74	.24	.06	.06
12	2.95	1- 5/16	15/32	23/32	1.06	.38	.15	.06
15	4.45	1- 3/4	19/32	31/32	1.60	.62	.15	.06
†18	7.35	2- 1/16	23/32	1-3/16	2.20	1.00	.15	.06
"ADJUSTABLE"—Carbon Steel								
4	\$1.05	1/2	9/64	5/16	\$.35	\$.15	\$.06	\$.06
6	1.05	3/4	7/32	3/8	.35	.15	.06	.06
8	1.30	15/16	17/64	1/2	.44	.21	.06	.06
10	1.60	1- 1/8	23/64	19/32	.56	.24	.06	.06
12	2.45	1- 5/16	39/64	27/32	.88	.35	.15	.06
†15	3.30	1-11/16	27/32	1-1/8	1.24	.50	.15	.06
†18	4.80	2- 1/16	15/16	1-5/16	1.68	.80	.15	.06

† "Diamond" Brand

An attractive discount is given; see your jobber.